Ohio Labor Market Information
BUREAU OF EMPLOYMENT SERVICES
JOB SERVICE OF OHIO
RICHARD F. CELESTE, *Governor*
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EMPLOYMENT, HOURS, AND EARNINGS IN OHIO
OCTOBER 1983

Summary: Unemployment in Ohio decreased from 568,000 in September to 550,000 in October, lowering the jobless rate from 11.1 to 10.6 percent of the civilian labor force. Total employment rose 1.6 percent, to 4,626,000. Nonfarm payroll employment advanced .3 percent, to 4,181,000, due chiefly to stepped-up automotive production and seasonal gains in education.

Factory employment: Employment in Ohio's manufacturing industries totaled 1,114,000 in October, .5 percent above the previous month. Recalls from prior layoffs, augmented by the reopening of a large assembly plant following a temporary shutdown, boosted employment in motor vehicle production to its highest level in over two years. Suppliers of automotive stampings and wire also reported recalls. More orders led to gains in basic steel production, and in the manufacture of plastic products and electrical industrial apparatus. Food processing, on the other hand, declined seasonally, while disputes lowered employment in the production of aircraft components.

Nonmanufacturing employment: Nonmanufacturing establishments in Ohio employed 3,067,000 workers in October, up .3 percent from September. Hiring among state and local schools boosted government, although cutbacks were reported in several noneducational agencies. Employment among private schools and general merchandise stores also increased seasonally. Gains were moderated, however, as many warm-weather businesses--amusement parks, drive-ins, outdoor refreshments--curtailed operations for the winter.

Factory earnings: Average weekly earnings of Ohio's factory production workers rose $5 from September's record level to a new all-time high of $453 in October. The average workweek, at 42.2 hours, was fractionally longer. Producers of motor vehicles and automotive components reported increased overtime in October. More overtime also boosted earnings in petroleum refining and commercial printing. Lower averages in fabricated structural metals, however, were attributable to overtime curtailments. Shorter workweeks were reported in food canning, following last month's seasonal peak.

Over the year: The number of jobless Ohicans dropped by over 130,000 between October 1982 and October 1983, lowering the rate of unemployment from 13.2 to 10.6 percent. Total employment climbed 2.9 percent over the year, while nonfarm payroll employment advanced 1.0 percent. Spurred by gains in transportation equipment and fabricated metals, manufacturing rose nearly four percent--41,000 jobs--from its year-earlier level. Nonmanufacturing remained on par with October 1982 as cutbacks in retailing, transportation, and utilities moderated gains in the service industries. Production workers in Ohio factories grossed nearly $49 more per week in October 1983 than in October 1982, largely reflecting the curtailed production schedules and sub-40-hour workweeks reported a year ago.

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EMPLOYMENT, HOURS, AND EARNINGS IN MAJOR METROPOLITAN AREAS

Akron.--October wage and salary employment in Akron nonagricultural industries, at 255,600, was 500 below September. The decline occurred in nonmanufacturing, as cutbacks in services and retailing were moderated by seasonal expansion in higher education. Manufacturing employment increased by 200, to 68,200 in October. Production workers in factories grossed $10.72 per hour for a workweek of 43.3 hours, compared with $10.61 and 43.5 hours in September.

Canton.--Employment in Canton nonfarm industries totaled 150,100 in October--little changed from September. Manufacturing declined by 400, to 46,300, due to layoffs in primary metals. Nonmanufacturing advanced, however, as seasonal hiring in public schools more than offset declines in retailing. Factory production workers averaged 40.5 hours per week in October, down .3 hours from September. Their hourly earnings, at $10.83, were little changed.

Cincinnati.--Nonagricultural wage and salary employment in Cincinnati rose 3,900 from September, to 582,100 in October. Recalls of auto workers boosted factory employment to 148,800, up 2,900 from September. Seasonal hiring among schools and colleges lifted nonmanufacturing despite shrinkage in services and retailing. Average earnings of manufacturing production workers, at $10.27 per hour, were 17¢ above September. The average workweek--41.4 hours--was fractionally longer.

Cleveland.--Employment in Cleveland nonfarm industries rose 700 from September, to 837,300 in October. Scattered gains--concentrated among durable-goods producers--boosted manufacturing by 900, to 215,400. In nonmanufacturing, layoffs of nonschool employees in local government were moderated by seasonal growth in school and college employment. Manufacturing production workers grossed $10.58 per hour for a workweek of 41.9 hours, slightly above September averages.

Columbus.--Nonagricultural wage and salary employment in Columbus, at 513,600 in October, was up 8,400 from September. Seasonal expansion in public and private schools and colleges boosted nonmanufacturing. Factory employment rose 1,300, to 90,400, with small-to-moderate gains reported throughout the durable-goods sector. Weekly hours and gross hourly earnings for manufacturing production workers, at 41.0 hours and $10.13 in October, were .2 hours and 7¢ above September averages.

Dayton.--Payroll employment in Dayton nonagricultural industries, at 341,700 in October, was 1,400 above September. Most of the increase occurred in nonmanufacturing, due to seasonal hiring among schools and colleges. Manufacturing employment rose fractionally, to 89,200. Production workers in factories averaged $10.90 per hour, up 10¢ from September. Their average workweek was unchanged, at 43.0 hours.

Toledo.--Nonagricultural wage and salary employment in Toledo, at 291,700 in October, was 2,400 above September. Seasonal hiring among schools and colleges boosted nonmanufacturing. Factory employment advanced 200, to 73,500 in October. Expansion in motor vehicles was offset by release of temporary cannery workers. Hourly earnings and weekly hours of factory production workers--$11.51 and 44.3 hours--were 11¢ and .4 hours above September averages.

Youngstown-Warren.--Employment in Youngstown-Warren nonfarm industries slipped 500 from September, to 185,800 in October. In nonmanufacturing, shrinkage in services and retailing was moderated by seasonal hiring among schools and colleges. Factory employment totaled 56,500, little changed from September, as recalls in primary metals were offset by labor-management disputes in transportation equipment. The workweek and hourly earnings of factory production workers, at 44.0 hours and $12.60 per hour, were 1.6 hours and 20¢ above September averages.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 11-17-83

EMPLOYMENT IN MAJOR METROPOLITAN AREAS[a]

Year and Month	Akron[b]	Canton[c]	Cincinnati[d]	Cleveland[e]	Columbus[f]	Dayton[g]	Toledo[h]	Youngstown–Warren[j]
	NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT (in thousands)							
1972	248.1	139.8	512.0	838.0	431.6	325.5	272.4	201.1
1973	255.1	147.9	534.5	865.2	451.0	335.6	285.8	211.6
1974	259.0	152.1	542.2	879.2	457.6	334.9	285.6	213.5
1975	248.4	145.9	531.2	850.6	445.4	321.4	275.5	200.7
1976	247.3	145.9	541.9	860.0	456.1	331.5	282.6	203.5
1977	259.3	149.8	562.1	880.9	471.6	343.1	292.1	208.0
1978	266.6	156.1	591.2	905.8	493.8	358.5	302.1	210.3
1979	270.9	160.7	607.4	919.8	507.3	364.9	306.0	213.9
1980	262.4	157.1	600.6	895.6	509.8	355.7	293.1	203.1
1981	259.6	156.6	592.2	880.7	506.6	352.5	290.9	198.7
1982	250.8	149.7	575.5	847.5	497.9	337.0	282.2	182.2
1982								
October .	252.5	148.3	579.0	842.3	503.5	338.1	285.5	180.9
November.	251.7	147.9	576.9	840.5	503.8	335.7	284.6	177.3
December.	250.4	147.3	574.8	837.3	504.0	336.4	282.8	177.8
1983								
January .	243.4	144.5	561.1	815.6	491.5	330.3	277.4	175.6
February.	245.9	144.6	558.8	816.5	492.0	330.6	275.8	176.2
March ...	247.0	145.0	561.7	820.8	494.2	332.3	274.4	179.5
April ...	248.9	146.6	570.4	825.8	497.9	334.0	279.8	181.0
May	251.5	148.1	574.4	831.3	501.4	335.6	284.4	183.5
June	247.5	149.0	576.4	840.2	504.2	337.0	283.1	183.2
July	250.2	148.7	570.7	834.5	498.5	330.8	279.5	182.8
August ..	249.1	148.0	569.6	827.4	496.8	330.8	279.5	181.3
September	256.1	150.3	578.2	836.6	505.2	340.3	289.4	186.3
October .	255.6	150.1	582.1	837.3	513.6	341.7	291.7	185.8
	MANUFACTURING EMPLOYMENT (in thousands)							
1972	91.3	57.4	155.9	273.9	100.8	114.3	88.8	87.9
1973	94.0	61.7	165.5	288.1	106.0	117.7	93.4	93.0
1974	94.2	62.2	166.6	287.1	104.3	113.1	89.8	92.0
1975	84.5	55.3	153.9	260.3	93.1	100.1	80.7	80.8
1976	80.3	54.8	155.6	265.1	94.2	104.0	84.8	80.6
1977	85.6	56.0	161.1	270.8	98.9	109.2	88.2	81.1
1978	85.9	57.1	169.2	275.6	101.2	112.0	90.5	79.4
1979	85.6	59.1	173.1	276.3	101.1	109.5	88.6	79.9
1980	79.1	55.7	162.4	254.9	96.8	99.4	75.4	70.8
1981	75.7	54.8	157.3	246.8	93.1	97.8	74.6	67.3
1982	68.8	48.2	147.2	224.1	86.7	87.9	68.8	53.4
1982								
October .	67.4	45.8	147.0	216.1	86.3	85.8	67.4	51.4
November.	66.5	45.2	147.0	213.7	85.7	82.9	66.8	47.6
December.	65.3	44.7	145.0	210.3	84.6	83.4	65.4	48.6
1983								
January .	66.2	45.0	143.8	210.3	84.7	84.0	66.4	50.0
February.	67.1	45.3	142.6	210.5	85.8	84.7	65.5	50.9
March ...	67.0	45.2	142.7	210.7	85.9	85.1	62.7	53.7
April ...	67.3	45.3	143.8	210.8	86.6	85.8	66.2	54.3
May	67.2	45.7	143.6	211.4	86.9	86.2	68.3	54.8
June	67.0	46.4	145.0	212.4	87.2	86.5	69.4	54.3
July	67.6	46.4	144.5	210.8	87.2	85.7	69.4	55.0
August ..	67.7	46.1	146.4	211.1	88.0	86.6	70.5	54.3
September	68.0	46.6	145.9	214.6	89.0	89.1	73.3	56.4
October .	68.2	46.3	148.8	215.4	90.4	89.2	73.5	56.5

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. [b] Akron includes Portage and Summit Counties. [c] Canton includes Carroll and Stark Counties. [d] Cincinnati includes Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. [e] Cleveland includes Cuyahoga, Geauga, Lake, and Medina Counties. [f] Columbus includes Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. [g] Dayton includes Greene, Miami, Montgomery, and Preble Counties. [h] Toledo includes Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. [j] Youngstown–Warren includes Mahoning and Trumbull Counties.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

MANUFACTURING PRODUCTION WORKERS AND AVERAGE WEEKLY HOURS IN MAJOR METROPOLITAN AREAS[a]

Year and Month	Akron[b]	Canton[c]	Cincinnati[d]	Cleveland[e]	Columbus[f]	Dayton[g]	Toledo[h]	Youngstown-Warren[j]
	MANUFACTURING PRODUCTION WORKERS (in thousands)							
1972	53.5	42.2	110.7	188.7	71.0	83.4	63.8	70.2
1973	55.5	46.3	115.2	200.4	74.1	85.0	66.5	75.6
1974	56.1	46.9	115.3	199.5	71.2	79.5	63.1	74.2
1975	48.4	40.5	106.3	176.0	64.2	70.9	55.1	63.3
1976	44.5	40.4	107.8	180.9	65.4	73.4	59.3	63.3
1977	49.2	41.1	110.7	184.0	68.6	75.7	62.8	63.6
1978	49.4	42.2	116.4	188.0	70.1	77.5	64.1	62.5
1979	53.8	43.2	117.0	188.6	69.1	74.4	61.7	62.5
1980	47.5	40.1	106.6	169.2	64.6	65.5	49.6	54.1
1981	43.7	39.6	103.5	161.8	61.3	64.4	49.2	50.8
1982	37.2	33.7	96.1	142.5	55.6	55.8	45.1	38.5
1982								
October .	36.2	31.8	96.4	136.6	55.0	54.1	44.2	36.6
November.	35.3	31.4	96.5	135.0	54.3	51.4	43.8	33.5
December.	34.5	30.8	94.5	132.1	53.4	52.1	42.5	34.3
1983								
January .	35.4	31.2	93.3	132.0	53.6	52.6	43.5	35.6
February.	36.2	31.5	92.2	132.4	54.6	53.3	42.7	36.4
March ...	36.2	31.6	92.4	132.7	54.7	53.7	40.0	39.0
April	36.7	31.6	93.3	133.2	55.4	54.4	43.5	39.6
May ...	36.7	32.0	93.1	134.2	55.7	54.8	45.5	40.1
June	36.4	32.7	94.1	135.2	56.1	55.1	46.5	40.0
July	36.9	32.7	93.8	133.3	56.0	54.0	46.4	40.6
August ..	37.2	32.5	95.7	134.1	56.7	54.7	47.6	39.7
September	37.5	33.0	95.3	137.8	57.6	57.3	50.1	42.0
October .	37.7	32.6	98.0	138.7	58.8	57.6	50.3	42.0
	MANUFACTURING PRODUCTION WORKERS' AVERAGE WEEKLY HOURS							
1972	42.1	40.6	41.9	42.3	40.4	42.5	42.0	41.2
1973	43.0	41.0	42.2	43.2	40.8	43.3	43.1	42.9
1974	42.3	40.1	41.4	42.1	39.7	41.0	41.2	40.7
1975	41.1	39.4	40.8	40.4	39.6	41.3	40.4	38.6
1976	42.1	39.6	41.1	41.9	40.1	43.2	41.5	39.5
1977	42.3	39.7	41.6	42.8	40.3	43.5	42.7	40.4
1978	42.3	40.3	42.1	42.9	40.4	42.8	42.4	41.4
1979	41.6	40.9	41.5	42.2	40.1	42.1	40.9	40.7
1980	41.5	39.0	41.2	40.6	39.5	41.5	40.6	39.9
1981	41.8	40.0	41.1	41.1	40.0	41.4	40.9	40.8
1982	41.0	38.6	40.5	39.9	39.8	40.0	41.1	39.3
1982								
October .	40.5	38.3	40.2	39.2	39.7	39.3	41.3	39.3
November.	41.2	38.3	41.4	39.2	40.3	39.2	41.3	39.6
December.	41.6	39.1	41.5	39.9	40.5	40.3	41.1	40.3
1983								
January .	42.5	38.7	40.4	39.8	39.9	40.0	41.5	40.1
February.	42.5	38.6	40.4	39.8	40.0	40.2	41.6	40.6
March ...	43.3	39.1	40.8	40.1	40.4	40.8	42.0	41.1
April ...	42.5	39.5	40.8	40.4	40.2	41.1	42.5	41.3
May	42.6	38.9	40.8	40.6	40.3	41.1	42.7	42.4
June	42.3	39.8	41.3	41.3	40.8	42.0	42.2	41.4
July	42.4	38.8	40.9	40.6	40.5	42.1	41.9	42.7
August ..	42.9	39.2	40.8	41.0	40.5	42.1	42.6	41.3
September	43.5	40.8	41.3	41.7	40.8	43.0	43.9	42.4
October .	43.3	40.5	41.4	41.9	41.0	43.0	44.3	44.0

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Labor Market Information Division
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EARNINGS IN MAJOR METROPOLITAN AREAS[a]

Year and Month	Akron[b]	Canton[c]	Cincinnati[d]	Cleveland[e]	Columbus[f]	Dayton[g]	Toledo[h]	Youngstown-Warren[j]
	MANUFACTURING PRODUCTION WORKERS' AVERAGE HOURLY EARNINGS							
1972	$ 4.68	$ 4.48	$ 4.15	$ 4.50	$ 4.06	$ 4.74	$ 4.67	$ 4.88
1973	4.99	4.80	4.44	4.83	4.36	5.00	5.01	5.29
1974	5.28	5.24	4.82	5.21	4.73	5.29	5.39	5.80
1975	5.66	5.64	5.19	5.63	5.18	5.73	5.80	6.39
1976	6.02	6.18	5.65	6.22	5.64	6.28	6.32	7.02
1977	6.75	6.88	6.27	6.84	6.08	6.92	7.00	7.76
1978	7.19	7.56	6.81	7.50	6.55	7.38	7.53	8.54
1979	7.73	8.09	7.31	8.00	7.05	8.00	8.14	9.27
1980	8.72	8.79	8.06	8.63	7.73	8.65	8.90	10.27
1981	9.50	9.76	8.78	9.62	8.67	9.61	9.93	11.62
1982	9.83	10.22	9.57	10.10	9.31	10.02	10.89	11.72
1982								
October .	9.92	10.46	9.65	10.15	9.49	10.01	11.01	11.58
November.	9.95	10.44	9.78	10.19	9.50	9.89	11.01	11.65
December.	10.06	10.52	9.84	10.26	9.57	10.05	11.00	12.01
1983								
January .	10.21	10.56	9.85	10.29	9.62	10.16	11.10	12.00
February.	10.21	10.62	9.93	10.28	9.70	10.23	11.12	12.22
March ...	10.34	10.41	10.01	10.25	9.76	10.31	10.99	12.21
April ...	10.24	10.39	10.06	10.31	9.87	10.35	11.14	12.22
May	10.35	10.53	10.10	10.42	9.90	10.47	11.29	12.45
June	10.34	10.63	10.11	10.49	10.01	10.56	11.14	12.33
July	10.35	10.59	10.12	10.43	10.04	10.72	11.16	12.54
August ..	10.40	10.75	10.18	10.42	9.95	10.58	11.25	12.25
September	10.61	10.84	10.10	10.57	10.06	10.80	11.40	12.40
October .	10.72	10.83	10.27	10.58	10.13	10.90	11.51	12.60
	MANUFACTURING PRODUCTION WORKERS' AVERAGE WEEKLY EARNINGS							
1972	$197.03	$181.89	$173.89	$190.35	$164.02	$201.45	$196.14	$201.06
1973	214.57	196.80	187.37	208.66	177.89	216.50	215.93	226.94
1974	223.34	210.12	199.55	219.34	187.78	216.89	222.07	236.06
1975	232.63	222.22	211.75	227.45	205.13	236.65	234.32	246.65
1976	253.44	244.73	232.22	260.62	226.16	271.30	262.28	277.29
1977	285.53	273.14	260.83	292.75	245.02	301.02	298.90	313.50
1978	304.14	304.67	286.70	321.75	264.62	315.86	319.27	353.56
1979	321.57	330.88	303.37	337.60	282.71	336.80	332.93	377.29
1980	361.88	342.81	332.07	350.38	305.34	358.98	361.34	409.77
1981	397.10	390.40	360.86	395.38	346.80	397.63	406.14	474.10
1982	403.03	394.49	387.59	402.99	370.54	400.80	447.58	460.60
1982								
October .	401.76	400.62	387.93	397.88	376.75	393.39	454.71	455.09
November.	409.94	399.85	404.89	399.45	382.85	387.69	454.71	461.34
December.	418.50	411.33	408.36	409.37	387.59	405.02	452.10	484.00
1983								
January .	433.93	408.67	397.94	409.54	383.84	406.40	460.65	481.20
February.	433.93	409.93	401.17	409.14	388.00	411.25	462.59	496.13
March ...	447.72	407.03	408.41	411.03	394.30	420.65	461.58	501.83
April ...	435.20	410.41	410.45	416.52	396.77	425.39	473.45	504.69
May	440.91	409.62	412.08	423.05	398.97	430.32	482.08	527.88
June	437.38	423.07	417.54	433.24	408.41	443.52	470.11	510.46
July	438.84	410.89	413.91	423.46	406.62	451.31	467.60	535.46
August ..	446.16	421.40	415.34	427.22	402.98	445.42	479.25	505.93
September	461.54	442.27	417.13	440.77	410.45	464.40	500.46	525.76
October .	464.18	438.62	425.18	443.30	415.33	468.70	509.89	554.40

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Columbus 43216

CIVILIAN LABOR FORCE ESTIMATES FOR MAJOR METROPOLITAN AREAS[a]

(In thousands)

Year and Month	Civilian Labor Force	Total Employed	Unemployed		Year and Month	Civilian Labor Force	Total Employed	Unemployed	
			Total Unemployed	Unemployment Rate				Total Unemployed	Unemployment Rate
AKRON[b]					CANTON[c]				
1972	282.2	267.3	14.8	5.3	1972	165.6	155.3	10.3	6.2
1973	287.1	274.9	12.2	4.3	1973	171.2	163.1	8.1	4.7
1974	290.8	277.7	13.0	4.5	1974	175.6	167.5	8.1	4.6
1975	292.0	264.3	27.7	9.5	1975	174.7	158.0	16.7	9.6
1976	291.3	266.3	25.0	8.6	1976	174.4	158.6	15.8	9.1
1977	294.2	274.7	19.5	6.6	1977	175.9	163.1	12.9	7.3
1978	298.9	282.2	16.7	5.6	1978	179.9	170.0	9.9	5.5
1979	303.8	285.4	18.4	6.1	1979	184.3	173.7	10.6	5.7
1980	304.5	278.3	26.2	8.6	1980	187.7	170.9	16.8	8.9
1981	304.1	274.9	29.1	9.6	1981	188.4	170.1	18.2	9.7
1982	305.8	269.4	36.4	11.9	1982	192.5	165.1	27.4	14.3
1982					1982				
September ..	308.5	272.2	36.3	11.8	September .	193.0	166.4	26.6	13.8
October	309.3	271.0	38.3	12.4	October ...	195.8	163.9	31.8	16.3
November ...	304.7	264.7	39.9	13.1	November ..	192.9	160.0	32.9	17.1
December ...	304.5	262.9	41.6	13.7	December ..	191.0	159.0	32.0	16.8
1983					1983				
January	296.9	252.3	44.6	15.0	January ...	187.4	153.9	33.5	17.9
February ...	297.1	254.7	42.5	14.3	February ..	186.5	154.0	32.5	17.4
March	301.8	261.4	40.4	13.4	March	189.0	157.9	31.1	16.5
April	306.7	267.5	39.2	12.8	April	191.6	161.7	29.9	15.6
May	311.6	271.5	40.1	12.9	May	194.6	164.2	30.3	15.6
June	311.8	272.9	38.9	12.5	June	196.7	167.9	28.8	14.6
July	319.1	285.2	33.9	10.6	July	198.0	173.7	24.3	12.3
August	315.2	282.9	32.3	10.2	August	196.2	172.1	24.1	12.3
September[p] .	311.2	277.4	33.9	10.9	September[p].	192.2	167.8	24.4	12.7
CINCINNATI[d]					CLEVELAND[e]				
1972	561.0	529.0	32.0	5.7	1972	873.2	825.2	48.0	5.5
1973	572.0	543.0	29.0	5.1	1973	883.9	849.0	34.9	3.9
1974	595.3	569.8	25.5	4.3	1974	899.1	861.4	37.7	4.2
1975	595.3	551.6	43.6	7.3	1975	896.9	826.3	70.6	7.9
1976	604.8	566.6	38.2	6.3	1976	897.7	834.4	63.3	7.0
1977	623.4	588.7	34.7	5.6	1977	908.5	854.4	54.0	5.9
1978	648.3	615.8	32.5	5.0	1978	921.7	878.5	43.2	4.7
1979	663.4	628.1	35.3	5.3	1979	935.8	889.1	46.7	5.0
1980	676.2	628.6	47.5	7.0	1980	937.1	869.1	68.0	7.3
1981	678.5	619.3	59.1	8.7	1981	933.9	854.0	79.8	8.5
1982	682.0	610.4	71.6	10.5	1982	933.7	833.8	100.0	10.7
1982					1982				
September ..	684.5	617.2	67.3	9.8	September .	934.4	833.4	100.9	10.8
October	690.0	614.8	75.2	10.9	October ...	939.9	829.2	110.7	11.8
November ...	677.5	602.5	75.0	11.1	November ..	926.6	811.3	115.3	12.4
December ...	673.3	598.8	74.5	11.1	December ..	921.5	807.1	114.3	12.4
1983					1983				
January	661.5	580.1	81.3	12.3	January ...	895.2	776.5	118.7	13.3
February ...	655.9	577.2	78.7	12.0	February ..	893.4	776.7	116.7	13.1
March	667.8	590.2	77.6	11.6	March	913.3	797.9	115.5	12.6
April	674.9	604.1	70.8	10.5	April	923.2	813.0	110.2	11.9
May	683.3	609.9	73.4	10.7	May	935.7	821.5	114.1	12.2
June	694.4	620.1	74.3	10.7	June	961.0	843.8	117.3	12.2
July	697.9	632.7	65.2	9.3	July	968.7	869.0	99.7	10.3
August	693.0	629.8	63.2	9.1	August	959.1	860.8	98.3	10.3
September[p] .	683.0	616.4	66.6	9.7	September[p].	933.0	833.2	99.8	10.7

[a] Estimated in cooperation with U.S. Department of Labor. Data not seasonally adjusted. Subtotals may not add to totals due to rounding. Rates computed from unrounded figures. [b] Defined as Portage and Summit Counties. [c] Defined as Carroll and Stark Counties. [d] Defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; and Boone, Campbell, and Kenton Counties, Kentucky. [e] Defined as Cuyahoga, Geauga, Lake, and Medina Counties. [p] Preliminary.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

CIVILIAN LABOR FORCE ESTIMATES FOR MAJOR METROPOLITAN AREAS[a]
(In thousands)

Year and Month	Civilian Labor Force	Total Employed	Unemployed		Year and Month	Civilian Labor Force	Total Employed	Unemployed	
			Total Unemployed	Unemployment Rate				Total Unemployed	Unemployment Rate
COLUMBUS[f]					DAYTON[g]				
1972	469.1	450.2	18.9	4.0	1972	353.5	336.2	17.3	4.9
1973	485.5	468.3	17.1	3.5	1973	358.0	343.5	14.5	4.1
1974	495.4	475.5	19.9	4.0	1974	359.5	342.5	17.0	4.7
1975	495.0	458.6	36.5	7.4	1975	357.6	327.7	29.9	8.4
1976	503.6	468.5	35.1	7.0	1976	360.5	336.3	24.2	6.7
1977	513.4	483.3	30.1	5.9	1977	368.6	348.3	20.3	5.5
1978	531.4	506.5	24.9	4.7	1978	381.1	363.7	17.3	4.6
1979	543.0	517.1	25.8	4.8	1979	392.2	367.9	24.2	6.2
1980	554.7	523.4	31.4	5.7	1980	390.2	361.0	29.2	7.5
1981	562.4	519.1	43.3	7.7	1981	390.8	357.9	32.8	8.4
1982	568.8	518.0	50.8	8.9	1982	391.1	347.0	44.2	11.3
1982					1982				
September ..	568.2	518.8	49.4	8.7	September .	391.7	349.6	42.1	10.7
October	574.9	523.8	51.2	8.9	October ...	393.4	348.3	45.2	11.5
November ...	567.1	513.4	53.6	9.5	November ..	386.5	338.7	47.8	12.4
December ...	564.0	512.3	51.8	9.2	December ..	385.3	338.5	46.8	12.1
1983					1983				
January	548.2	492.8	55.4	10.1	January ...	375.8	327.8	47.9	12.8
February ...	547.5	493.6	53.9	9.9	February ..	374.6	328.3	46.3	12.4
March	561.1	507.3	53.8	9.6	March	381.7	337.5	44.2	11.6
April	570.5	517.7	52.8	9.3	April	386.2	343.8	42.3	11.0
May	577.9	524.0	53.9	9.3	May	388.9	347.4	41.5	10.7
June	592.9	535.7	57.2	9.7	June	398.8	354.5	44.3	11.1
July	600.6	549.7	50.9	8.5	July	399.1	361.6	37.6	9.4
August	593.7	546.3	47.4	8.0	August	396.3	359.1	37.2	9.4
September[p] .	578.9	529.7	49.2	8.5	September[p].	390.1	354.2	35.9	9.2
TOLEDO[h]					YOUNGSTOWN-WARREN[i]				
1972	329.4	311.3	18.1	5.5	1972	226.9	212.1	14.8	6.5
1973	339.8	324.2	15.6	4.6	1973	232.5	221.8	10.8	4.6
1974	343.8	324.2	19.7	5.7	1974	236.7	223.7	13.0	5.5
1975	344.8	310.2	34.6	10.0	1975	236.7	209.8	26.9	11.4
1976	347.8	319.4	28.4	8.2	1976	234.2	210.5	23.7	10.1
1977	355.0	329.4	25.6	7.2	1977	234.0	215.0	19.0	8.1
1978	362.1	339.7	22.4	6.2	1978	235.2	217.5	17.7	7.5
1979	368.2	341.7	26.4	7.2	1979	237.1	219.9	17.1	7.2
1980	368.2	329.8	38.4	10.4	1980	238.9	210.5	28.4	11.9
1981	367.4	328.0	39.4	10.7	1981	234.0	205.7	28.2	12.1
1982	368.7	322.7	46.1	12.5	1982	237.7	191.5	46.2	19.4
1982					1982				
September ..	371.8	327.0	44.8	12.1	September .	238.0	192.3	45.7	19.2
October	374.3	326.6	47.7	12.8	October ...	239.2	190.6	48.5	20.3
November ...	367.5	318.9	48.6	13.2	November ..	237.7	183.0	54.7	23.0
December ...	368.8	316.2	52.6	14.3	December ..	234.2	183.1	51.1	21.8
1983					1983				
January	359.5	307.3	52.2	14.5	January ...	226.6	178.1	48.4	21.4
February ...	360.3	306.6	53.7	14.9	February ..	223.8	178.7	45.1	20.1
March	366.0	311.0	55.0	15.0	March	227.9	186.2	41.7	18.3
April	368.7	320.7	47.9	13.0	April	229.9	190.3	39.5	17.2
May	379.0	328.3	50.7	13.4	May	234.3	193.8	40.5	17.3
June	381.1	332.5	48.6	12.8	June	237.1	196.8	40.4	17.0
July	383.8	339.3	44.5	11.6	July	237.7	203.6	34.1	14.3
August	381.5	337.3	44.2	11.6	August	237.4	200.9	36.5	15.4
September[p] .	376.1	333.2	42.9	11.4	September[p].	232.2	198.4	33.7	14.5

[a] Estimated in cooperation with U.S. Department of Labor. Data not seasonally adjusted. Subtotals may not add to totals due to rounding. Rates computed from unrounded figures. [f] Defined as Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. [g] Defined as Greene, Miami, Montgomery, and Preble Counties. [h] Defined as Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. [i] Defined as Mahoning and Trumbull Counties. [p] Preliminary.

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Columbus 43216

CIVILIAN LABOR FORCE ESTIMATES[a]
(not seasonally adjusted)

Year and Month	OHIO (in thousands)			Unemployment Rate	
	Civilian Labor Force	Total Employed	Total Unemployed	OHIO	U.S.
1972	4,510	4,261	249	5.5	5.6
1973	4,621	4,423	198	4.3	4.9
1974	4,708	4,483	225	4.8	5.6
1975	4,721	4,292	429	9.1	8.5
1976	4,749	4,378	370	7.8	7.7
1977	4,830	4,518	312	6.5	7.1
1978	4,956	4,688	268	5.4	6.1
1979	5,056	4,758	298	5.9	5.8
1980	5,087	4,660	426	8.4	7.1
1981	5,099	4,607	492	9.6	7.6
1982	5,122	4,481	640	12.5	9.7
1982					
October .	5,177	4,494	683	13.2	9.9
November.	5,088	4,378	710	14.0	10.4
December.	5,058	4,344	714	14.1	10.5
1983					
January .	4,942	4,204	738	14.9	11.4
February.	4,925	4,212	713	14.5	11.3
March ...	5,027	4,339	688	13.7	10.8
April ...	5,088	4,435	653	12.8	10.0
May	5,166	4,502	664	12.9	9.8
June	5,267	4,595	672	12.8	10.2
July	5,302	4,723	579	10.9	9.4
August ..	5,244	4,679	565	10.8	9.2
September	5,123	4,555	568	11.1	8.8
October .	5,176	4,626	550	10.6	8.4

OHIO NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT[a]
(in thousands)

Year and Month	Total Nonagricultural	Manufacturing	Nonmanufacturing
1972	3,938.3	1,346.8	2,591.5
1973	4,112.9	1,426.3	2,686.5
1974	4,169.4	1,416.6	2,752.8
1975	4,016.2	1,267.5	2,748.7
1976	4,094.5	1,295.3	2,799.3
1977	4,230.1	1,344.1	2,885.9
1978	4,394.8	1,377.2	3,017.6
1979	4,484.7	1,382.3	3,102.5
1980	4,367.4	1,264.3	3,103.0
1981	4,317.6	1,232.6	3,085.1
1982	4,138.7	1,103.6	3,035.1
1982			
October .	4,139.2	1,073.5	3,065.7
November.	4,121.4	1,056.9	3,064.5
December.	4,102.5	1,043.9	3,058.6
1983			
January .	4,012.3	1,051.7	2,960.6
February.	4,015.0	1,056.2	2,958.8
March ...	4,036.2	1,059.4	2,976.8
April ...	4,076.0	1,069.4	3,006.6
May	4,114.2	1,074.8	3,039.4
June	4,127.4	1,078.7	3,048.7
July	4,092.8	1,076.7	3,016.1
August ..	4,085.6	1,089.3	2,996.3
September	4,167.2	1,109.0	3,058.2
October .	4,181.3	1,114.2	3,067.1

OHIO NONMANUFACTURING WAGE AND SALARY EMPLOYMENT[a] (in thousands)

Year and Month	Mining	Construction	Transportation and Utilities	Wholesale Trade	Retail Trade	Finance, Insurance, Real Estate	Services	Government
1972	22.7	165.1	222.9	189.6	626.7	163.8	611.7	589.1
1973	22.9	175.5	224.9	197.7	654.9	169.0	643.9	597.8
1974	24.2	172.3	227.8	205.7	668.1	171.9	669.7	613.1
1975	26.8	154.9	213.2	203.5	664.5	173.1	686.3	626.4
1976	28.2	154.2	213.7	208.4	682.4	177.0	703.2	632.2
1977	29.1	162.8	219.2	214.6	703.1	183.4	731.4	642.3
1978	29.0	176.6	225.0	226.0	730.4	191.1	772.1	667.5
1979	31.6	182.9	232.1	232.8	742.4	200.6	806.2	674.0
1980	30.7	167.4	223.1	230.6	726.6	203.8	830.9	689.9
1981	30.7	153.7	217.2	232.5	717.7	205.8	851.5	676.0
1982	30.7	135.5	207.6	229.3	707.3	206.4	859.7	658.6
1982								
October .	30.3	147.2	206.1	229.4	710.7	206.5	871.4	664.1
November.	30.3	142.2	204.6	229.0	718.4	206.8	865.8	667.3
December.	29.0	129.5	203.6	229.0	730.4	207.3	861.7	668.2
1983								
January .	28.6	112.8	195.5	226.3	687.3	205.8	847.0	657.3
February.	28.1	108.8	194.7	225.3	675.0	205.5	853.5	668.0
March ...	27.3	112.7	195.0	226.1	680.4	205.8	859.6	669.9
April ...	27.2	118.8	196.0	226.9	692.0	206.7	872.5	666.6
May	27.6	126.6	197.7	227.3	702.6	207.5	880.2	669.9
June	29.3	133.0	198.9	228.2	706.4	209.7	889.3	653.8
July	29.9	138.0	199.0	228.0	703.2	210.7	884.3	623.1
August ..	29.8	139.4	182.9	227.9	705.7	210.7	883.9	615.8
September	30.0	141.7	198.5	227.8	708.2	210.3	892.1	649.7
October .	29.8	142.5	197.8	228.0	702.6	209.9	888.7	667.7

[a] Estimated in cooperation with U.S. Department of Labor. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates and averages computed from unrounded figures. All data exclude military personnel.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

EMPLOYMENT, HOURS, AND EARNINGS IN MANUFACTURING IN OHIO[a]

Year and Month	Manufacturing Employment (in thousands)			Production Workers in Manufacturing		
	All Manufacturing	Durable Goods	Nondurable Goods	Production Workers (in thousands)	Aggregate Weekly Payroll (in millions)	Aggregate Weekly Hours (in millions)
1972	1,346.8	948.8	398.0	979.2	$181.3	40.7
1973	1,426.3	1,018.2	408.1	1,046.7	210.8	44.3
1974	1,416.6	1,013.1	403.5	1,028.7	217.4	42.4
1975	1,267.5	892.4	375.1	897.8	201.5	36.2
1976	1,295.3	910.6	384.6	926.1	233.9	38.2
1977	1,344.1	945.2	398.9	958.0	271.2	40.2
1978	1,377.2	974.5	402.7	985.5	302.5	41.5
1979	1,382.3	980.5	401.8	979.0	318.5	40.6
1980	1,264.3	882.6	381.8	867.8	301.9	35.2
1981	1,232.6	860.4	372.2	847.7	330.4	34.7
1982	1,103.6	755.4	348.3	738.1	298.0	29.6
1982						
October .	1,073.5	728.5	345.0	712.1	288.1	28.4
November.	1,056.9	713.1	343.8	698.2	285.5	28.1
December.	1,043.9	701.7	342.2	687.1	286.7	28.0
1983						
January .	1,051.7	712.5	339.2	695.0	288.5	28.0
February.	1,056.2	715.7	340.5	700.2	293.6	28.3
March ...	1,059.4	719.1	340.3	703.7	298.6	28.7
April ...	1,069.4	728.0	341.5	713.7	306.8	29.3
May	1,074.8	733.1	341.7	719.6	310.8	29.6
June	1,078.7	734.6	344.1	723.6	316.8	30.0
July	1,076.7	732.9	343.7	720.5	311.7	29.5
August ..	1,089.3	741.2	348.1	733.3	317.8	30.2
September	1,109.0	754.0	355.1	752.5	337.1	31.7
October .	1,114.2	761.3	352.9	758.4	343.7	32.0

Year and Month	Production Workers Average Weekly Earnings			Production Workers Average Weekly Hours			Production Workers Average Hourly Earnings		
	Manufacturing	Durable Goods	Nondurable Goods	Manufacturing	Durable Goods	Nondurable Goods	Manufacturing	Durable Goods	Nondurable Goods
1972	$185.12	$190.19	$172.60	41.6	41.8	40.9	$ 4.45	$ 4.55	$ 4.22
1973	201.35	207.95	185.89	42.3	42.7	41.4	4.76	4.87	4.49
1974	211.36	216.94	196.17	41.2	41.4	40.7	5.13	5.24	4.82
1975	224.47	228.90	211.85	40.3	40.3	40.2	5.57	5.68	5.27
1976	252.54	258.75	235.00	41.2	41.4	41.3	6.10	6.25	5.69
1977	283.08	292.02	258.34	42.0	42.2	41.4	6.74	6.92	6.24
1978	306.91	316.83	279.30	42.1	42.3	41.5	7.29	7.49	6.73
1979	325.36	335.30	297.98	41.5	41.6	41.1	7.84	8.06	7.25
1980	347.94	358.57	319.99	40.6	40.7	40.2	8.57	8.81	7.96
1981	389.78	401.64	358.16	40.9	40.9	40.7	9.53	9.82	8.80
1982	403.81	414.80	378.95	40.1	40.0	40.4	10.07	10.37	9.38
1982									
October .	404.59	416.31	378.95	39.9	39.8	40.1	10.14	10.46	9.45
November.	408.83	418.80	387.06	40.2	40.0	40.7	10.17	10.47	9.51
December.	417.18	429.14	390.46	40.7	40.6	40.8	10.25	10.57	9.57
1983									
January .	415.09	427.99	387.03	40.3	40.3	40.4	10.30	10.62	9.58
February.	419.35	433.76	386.72	40.4	40.5	40.2	10.38	10.71	9.62
March ...	424.32	437.38	393.01	40.8	40.8	40.6	10.40	10.72	9.68
April ...	429.91	444.14	397.96	41.1	41.2	40.9	10.46	10.78	9.73
May	431.96	447.69	397.80	41.1	41.3	40.8	10.51	10.84	9.75
June	437.83	452.61	402.11	41.5	41.6	41.2	10.55	10.88	9.76
July	432.55	445.67	403.60	41.0	41.0	41.1	10.55	10.87	9.82
August ..	433.42	445.52	403.50	41.2	41.1	41.3	10.52	10.84	9.77
September	447.94	463.52	410.62	42.1	42.1	41.9	10.64	11.01	9.80
October .	453.23	471.75	410.18	42.2	42.5	41.6	10.74	11.10	9.86

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

EMPLOYMENT AND AVERAGE WEEKLY EARNINGS IN SELECTED MAJOR MANUFACTURING INDUSTRIES IN OHIO[a]

Year and Month	Stone, Clay and Glass Products	Primary Metal Industries	Fabricated Metal Products	Machinery, Except Electrical	Electric & Electronic Equipment	Transportation Equipment	Food and Kindred Products	Printing and Publishing	Rubber and Plastics Products
	EMPLOYMENT (in thousands)								
1972	70.3	158.9	162.7	205.1	126.9	155.0	78.2	66.8	102.2
1973	73.3	173.3	175.2	219.9	134.1	167.2	76.4	67.7	109.8
1974	72.2	172.4	172.7	227.7	131.4	162.5	76.0	67.9	107.0
1975	65.0	151.5	150.9	207.7	112.3	140.8	73.5	64.8	94.8
1976	66.3	154.6	157.9	205.9	115.5	143.0	73.8	64.5	98.2
1977	67.1	157.7	166.5	210.7	120.9	151.8	74.4	65.4	107.4
1978	69.3	157.5	173.3	216.7	122.2	164.1	74.6	66.6	107.4
1979	69.7	158.9	175.5	223.6	117.6	165.8	74.4	67.6	106.7
1980	64.5	139.8	157.6	211.4	106.4	139.1	72.7	67.4	92.7
1981	61.0	138.3	154.9	204.2	101.9	136.9	69.2	66.1	89.0
1982	54.1	113.3	135.0	179.3	93.2	122.0	66.9	63.2	80.7
1982									
October .	54.6	104.2	129.5	168.9	90.8	121.6	67.7	62.0	78.0
November.	53.1	100.8	128.0	166.1	90.1	117.5	66.6	62.2	78.3
December.	50.3	98.1	127.0	163.4	85.6	120.5	66.3	61.8	77.6
1983									
January .	50.2	100.2	128.3	163.2	89.5	125.1	63.9	61.6	78.0
February.	50.4	102.6	130.1	161.7	88.7	126.1	64.3	61.7	79.3
March ...	50.8	105.4	129.5	160.6	87.9	127.9	64.0	61.8	79.3
April ...	52.4	105.9	130.5	160.3	90.2	130.9	63.7	61.7	80.3
May	52.9	105.5	131.6	151.4	90.7	132.9	63.5	61.7	80.8
June	53.0	105.9	132.3	159.3	90.4	134.4	64.5	61.6	81.6
July	53.2	105.3	132.0	159.4	90.1	133.9	64.2	61.1	82.3
August ..	53.9	107.6	134.8	159.9	90.0	135.1	66.5	61.1	83.7
September	54.7	110.0	137.2	162.2	91.9	137.1	69.6	61.8	85.8
October .	55.0	110.8	138.8	162.0	93.2	140.9	66.5	61.8	86.7
	AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS								
1972	$175.14	$204.61	$187.87	$193.46	$164.42	$219.99	$173.43	$187.21	$180.48
1973	189.03	228.72	204.67	208.80	176.23	241.01	188.94	203.06	193.12
1974	194.21	246.03	213.62	219.05	184.61	244.91	204.89	211.14	199.92
1975	207.55	256.46	224.96	228.25	201.30	263.22	222.68	226.95	213.31
1976	232.40	294.58	256.68	253.31	221.54	302.87	242.92	252.20	237.30
1977	253.95	329.54	290.44	279.18	248.44	359.20	258.54	271.96	263.97
1978	274.81	366.24	307.23	306.16	268.45	389.66	281.15	285.18	282.73
1979	293.34	395.43	323.38	329.09	289.27	391.56	304.50	302.62	300.66
1980	315.43	422.01	349.34	352.77	316.31	414.83	329.85	320.92	323.61
1981	348.02	484.04	389.61	389.16	350.27	471.50	362.75	347.70	368.67
1982	376.88	480.54	398.77	392.63	366.56	506.99	386.04	358.45	381.11
1982									
October .	386.78	477.98	401.37	399.78	374.46	502.94	387.28	355.15	368.54
November.	387.69	478.37	407.42	393.39	374.14	518.13	393.71	364.65	380.70
December.	391.35	488.67	420.65	405.42	383.60	526.87	402.66	374.74	388.69
1983									
January .	385.01	486.16	427.00	401.37	380.09	517.33	391.68	370.02	392.22
February.	381.35	500.47	433.78	405.38	379.20	529.44	384.87	362.36	397.57
March ...	387.32	487.71	441.56	407.82	380.25	543.26	389.50	371.14	406.27
April ...	388.95	497.68	451.26	411.25	384.40	549.25	396.47	369.64	411.83
May	397.85	493.96	452.28	417.91	384.96	560.33	401.58	367.52	413.10
June	400.20	496.11	463.86	424.91	392.85	563.82	408.53	371.51	414.62
July	403.44	496.50	447.79	420.09	390.34	543.97	412.29	369.27	409.36
August ..	401.64	492.83	449.35	421.14	395.60	541.80	409.04	371.35	407.11
September	406.18	522.49	471.28	431.09	406.39	570.49	415.86	378.00	422.18
October .	413.59	521.22	479.52	441.98	412.67	586.18	395.52	389.51	425.43

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN OHIO[a]
OCTOBER 1983

Industry	Employment (in thousands)			Percent Change From[d]	
	October 1983[b]	September 1983[c]	October 1982[c]	September 1983	October 1982
TOTAL	4181.3	4167.2	4139.2	.3	1.0
MANUFACTURING	1114.2	1109.0	1073.5	.5	3.8
Durable Goods[e]	761.3	754.0	728.5	1.0	4.5
Lumber and wood products	12.9	13.1	12.3	-1.0	5.5
Furniture and fixtures	13.7	13.9	13.7	-1.3	-.2
Household furniture	6.0	6.2	6.2	-2.8	-2.2
Stone, clay, and glass products	55.0	54.7	54.6	.5	.7
Glass and glassware, pressed or blown.	14.7	14.7	14.3	.3	3.1
Structural clay products	5.3	5.3	4.9	-.4	9.0
Pottery and related products	5.6	5.6	5.9	1.4	-4.5
Primary metal industries	110.8	110.0	104.2	.8	6.3
Blast furnace and basic steel products	54.7	53.7	53.0	1.8	3.2
Iron and steel foundries	21.8	22.3	20.6	-2.2	5.8
Nonferrous rolling and drawing	19.2	18.9	17.1	1.5	12.1
Nonferrous foundries	9.3	9.0	7.8	2.9	18.9
Fabricated metal products	138.8	137.2	129.5	1.1	7.2
Cutlery, hand tools, and hardware	11.8	11.7	10.0	1.3	18.8
Plumbing and heating, except electric.	4.6	4.5	4.5	.7	1.8
Fabricated structural metal products	31.3	31.3	31.4	-.1	-.2
Screw machine products, bolts, etc.	9.0	8.8	8.5	1.3	5.1
Metal forgings and stampings	41.7	40.9	35.9	2.1	16.2
Machinery, except electrical	162.0	162.2	168.9	-.1	-4.1
Construction and related machinery	18.0	18.1	19.6	-1.1	-8.2
Metalworking machinery	39.0	39.1	45.0	-.4	-13.4
Special industry machinery	17.3	17.4	17.9	-.2	-3.3
General industrial machinery	32.3	32.2	32.8	.2	-1.6
Electric and electronic equipment	93.2	91.9	90.8	1.5	2.6
Electrical industrial apparatus	19.2	18.7	19.7	2.3	-2.7
Household appliances	16.6	16.6	14.5	-.2	14.7
Electric lighting and wiring equipment	18.6	18.4	17.9	.9	3.5
Communication equipment	10.8	10.5	10.6	2.1	1.3
Transportation equipment	140.9	137.1	121.6	2.7	15.8
Motor vehicles and equipment	95.1	90.6	77.3	4.9	23.0
Aircraft and parts	37.5	38.0	36.1	-1.6	3.7
Instruments and related products	20.4	20.2	19.4	.7	5.0
Measuring and controlling devices	12.5	12.3	11.7	2.0	7.4
Nondurable Goods[f]	352.9	355.1	345.0	-.6	2.3
Food and kindred products	66.5	69.6	67.7	-4.4	-1.6
Meat products	10.8	10.8	10.9	.1	-1.0
Dairy products	11.0	11.1	10.9	-.7	.6
Bakery products	9.8	10.0	10.3	-2.0	-4.9
Beverages	10.6	10.6	10.9	-.5	-2.8
Textile mill products	4.5	4.5	4.1	.7	10.8
Apparel and other textile products	17.6	17.4	16.9	1.0	3.9
Paper and allied products	35.3	35.5	35.2	-.3	.4
Paper mills, except building paper	9.2	9.3	8.9	-.7	3.1
Misc. converted paper products	11.6	11.6	11.1	-.3	3.9
Paperboard containers and boxes	11.7	11.7	11.9	.2	-2.0
Printing and publishing	61.8	61.8	62.0	.1	-.3
Newspapers	18.4	18.5	18.4	-.4	.0
Commercial printing	22.2	22.3	22.5	-.7	-1.5
Chemicals and allied products	64.6	64.8	65.6	-.3	-1.4
Industrial inorganic chemicals	11.8	11.9	12.3	-.3	-4.1
Plastics materials and synthetics	8.9	8.9	9.2	-.1	-2.7
Petroleum and coal products	10.0	10.0	9.7	-.2	3.0
Rubber and misc. plastics products	86.7	85.8	78.0	1.1	11.2
Tires and inner tubes	21.0	21.0	21.6	.1	-2.8
Miscellaneous plastics products	45.3	44.6	38.3	1.7	18.4
Leather and leather products	5.6	5.6	5.7	.3	-1.9

See footnotes at end of table.

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN OHIO[a]

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	October 1983[b]	September 1983[c]	October 1982[c]	Oct. 1983[b]	Sep. 1983[c]	Oct. 1982[c]	Oct. 1983[b]	Sep. 1983[c]	Oct. 1982[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$453.23	$447.94	$404.59	42.2	42.1	39.9	$10.74	$10.64	$10.14
Durable Goods[d]	471.75	463.52	416.31	42.5	42.1	39.8	11.10	11.01	10.46
Lumber and wood products	299.30	302.50	282.30	40.5	41.1	39.1	7.39	7.36	7.22
Furniture and fixtures	314.72	314.98	306.15	40.4	40.8	39.2	7.79	7.72	7.81
Household furniture	275.34	279.49	268.22	39.0	39.7	38.1	7.06	7.04	7.04
Stone, clay, and glass products	413.59	409.18	386.78	41.4	41.0	40.8	9.99	9.98	9.48
Glass and glassware, pressed or blown.	432.89	418.03	401.09	40.8	39.4	39.4	10.61	10.61	10.18
Structural clay products	306.61	311.17	290.90	41.1	41.6	40.8	7.46	7.48	7.13
Pottery and related products	327.12	323.51	309.08	37.6	37.4	38.3	8.70	8.65	8.07
Primary metal industries	521.22	522.49	477.98	42.0	41.9	38.3	12.41	12.47	12.48
Blast furnace and basic steel products	520.83	525.77	504.53	40.5	40.6	36.8	12.86	12.95	13.71
Iron and steel foundries	522.45	523.81	455.00	43.0	42.9	39.6	12.15	12.21	11.49
Nonferrous rolling and drawing	568.10	566.36	474.28	43.3	43.3	39.1	13.12	13.08	12.13
Nonferrous foundries	434.25	419.78	360.19	45.0	43.5	40.2	9.65	9.65	8.96
Fabricated metal products	479.52	471.28	401.37	43.2	43.0	39.7	11.10	10.96	10.11
Cutlery, hand tools, and hardware	494.58	490.99	395.46	42.2	42.4	39.0	11.72	11.58	10.14
Plumbing and heating, except electric.	369.08	350.24	336.75	41.1	39.8	37.5	8.98	8.80	8.98
Fabricated structural metal products .	403.19	428.40	389.46	41.1	42.5	40.4	9.81	10.08	9.64
Screw machine products, bolts, etc. ..	389.09	396.86	343.42	41.0	41.6	38.5	9.49	9.54	8.92
Metal forgings and stampings	600.90	571.27	455.44	45.8	44.7	39.5	13.12	12.78	11.53
Machinery, except electrical	441.98	431.09	399.78	41.5	40.9	39.7	10.65	10.54	10.07
Construction and related machinery ...	435.71	437.38	402.83	39.9	40.2	39.3	10.92	10.88	10.25
Metalworking machinery	405.96	398.58	377.62	39.8	39.0	37.8	10.20	10.22	9.99
Special industry machinery	425.54	425.70	389.09	42.3	42.4	40.7	10.06	10.04	9.56
General industrial machinery	433.95	437.13	387.66	40.9	41.2	39.0	10.61	10.61	9.94
Electric and electronic equipment	412.67	406.39	374.46	41.6	41.3	39.5	9.92	9.84	9.48
Electrical industrial apparatus	371.62	373.12	351.66	39.2	39.4	38.1	9.48	9.47	9.23
Household appliances	417.36	407.43	379.66	41.2	40.5	39.1	10.13	10.06	9.71
Electric lighting and wiring equipment	416.63	397.52	370.23	42.6	41.8	41.0	9.78	9.51	9.03
Communication equipment	479.52	488.77	409.34	44.4	44.8	38.4	10.80	10.91	10.66
Transportation equipment	586.18	570.49	502.94	45.3	44.5	41.6	12.94	12.82	12.09
Motor vehicles and equipment	614.00	597.09	519.17	46.2	45.2	41.7	13.29	13.21	12.45
Aircraft and parts	512.66	505.41	479.45	42.9	42.4	41.8	11.95	11.92	11.47
Instruments and related products	304.90	312.73	286.50	39.7	40.3	39.3	7.68	7.76	7.29
Measuring and controlling devices	295.60	301.75	275.88	39.1	39.6	38.0	7.56	7.62	7.26
Nondurable Goods[e]	410.18	410.62	378.95	41.6	41.9	40.1	9.86	9.80	9.45
Food and kindred products	395.52	415.86	387.28	41.2	43.5	41.2	9.60	9.56	9.40
Meat products	385.81	392.51	405.82	41.0	41.1	40.3	9.41	9.55	10.07
Dairy products	411.58	406.00	390.44	43.6	43.1	43.0	9.44	9.42	9.08
Bakery products	407.88	420.84	378.85	39.6	40.7	39.3	10.30	10.34	9.64
Beverages	367.88	366.22	336.92	39.6	40.2	38.2	9.29	9.11	8.82
Textile mill products	311.74	299.62	269.99	41.4	41.1	39.3	7.53	7.29	6.87
Apparel and other textile products	241.40	241.67	223.56	38.5	38.3	37.7	6.27	6.31	5.93
Paper and allied products	436.59	436.70	405.36	44.1	44.2	43.4	9.90	9.88	9.34
Paper mills, except building paper ...	534.86	534.46	516.22	47.0	46.8	48.2	11.38	11.42	10.71
Misc. converted paper products	387.39	380.84	354.69	42.9	42.6	41.1	9.03	8.94	8.63
Paperboard containers and boxes	391.07	398.30	358.03	42.6	43.2	41.2	9.18	9.22	8.69
Printing and publishing	389.51	378.00	355.15	38.3	37.5	36.5	10.17	10.08	9.73
Newspapers	321.73	316.52	319.40	33.1	32.8	31.1	9.72	9.65	10.27
Commercial printing	416.24	400.53	360.91	40.1	39.0	37.4	10.38	10.27	9.65
Chemicals and allied products	462.44	459.95	422.28	41.4	41.7	40.8	11.17	11.03	10.35
Industrial inorganic chemicals	511.63	494.42	451.47	41.8	41.9	40.6	12.24	11.80	11.12
Plastics materials and synthetics	514.21	506.61	459.24	43.8	43.3	42.8	11.74	11.70	10.73
Petroleum and coal products	611.18	588.51	599.40	43.5	42.4	44.4	14.05	13.88	13.50
Rubber and misc. plastics products	425.43	422.18	368.54	43.5	43.3	39.5	9.78	9.75	9.33
Tires and inner tubes	573.22	575.85	495.72	45.1	45.2	40.8	12.71	12.74	12.15
Miscellaneous plastics products	411.70	407.73	343.04	43.2	43.1	38.5	9.53	9.46	8.91
Leather and leather products	210.92	210.92	210.79	38.7	38.7	39.4	5.45	5.45	5.35

See footnotes at end of table.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN OHIO[a]
OCTOBER 1983 (Continued)

Industry	Employment (in thousands)			Percent Change From[d]	
	October 1983[b]	September 1983[c]	October 1982[c]	September 1983	October 1982
NONMANUFACTURING	3067.1	3058.2	3065.7	.3	.0
MINING	29.8	30.0	30.3	- .4	- 1.5
Bituminous coal and lignite mining	11.8	11.8	12.8	.1	- 8.3
CONSTRUCTION	142.5	141.7	147.2	.6	- 3.2
General building contractors	33.3	33.1	34.1	.4	- 2.4
Heavy construction contractors	24.1	24.0	26.4	.5	- 8.8
TRANSPORTATION AND PUBLIC UTILITIES	197.8	198.5	206.1	- .4	- 4.0
Railroad transportation	20.6	20.9	22.5	- 1.6	- 8.6
Transportation, except railroads	87.0	87.1	88.6	- .1	- 1.9
Trucking and warehousing	61.5	61.5	64.0	- .1	- 4.0
Communication, electric, gas services	90.3	90.6	95.0	- .3	- 4.9
Communication	50.5	50.5	53.5	.0	- 5.6
Electric, gas, and sanitary services	39.8	40.1	41.5	- .6	- 3.9
WHOLESALE TRADE	228.0	227.8	229.4	.1	- .6
Wholesale trade-durable goods	143.9	143.6	145.5	.2	- 1.1
Motor vehicles & automotive equipment	21.1	21.0	20.9	.2	1.1
Electrical goods	18.8	18.9	18.9	- .3	- .4
Machinery, equipment, and supplies	61.5	61.4	62.0	.1	- .8
Wholesale trade-nondurable goods	84.1	84.1	83.9	.0	.3
Groceries and related products	26.0	26.1	25.5	- .4	1.9
RETAIL TRADE	702.6	708.2	710.7	- .8	- 1.1
General merchandise stores	111.2	109.0	115.8	2.0	- 4.0
Department stores	101.9	99.8	105.9	2.1	- 3.9
Food stores	117.4	118.0	117.2	- .5	.1
Automotive dealers & service stations	75.2	75.8	76.3	- .8	- 1.5
Apparel and accessory stores	32.4	32.2	33.8	.6	- 3.9
FINANCE, INSURANCE, AND REAL ESTATE	209.9	210.3	206.5	- .2	1.6
Banking	57.9	58.1	58.5	- .5	- 1.2
Credit agencies other than banks	30.7	30.8	29.6	- .2	3.7
Insurance carriers	59.2	59.4	59.3	- .3	- .2
SERVICES	888.7	892.1	871.4	- .4	2.0
Hotels and other lodging places	29.2	29.9	29.7	- 2.4	- 1.8
Laundry, cleaning, & garment services	16.4	16.4	16.8	- .2	- 2.4
Business services	124.4	123.9	123.8	.3	.5
Health services	328.5	328.0	316.9	.2	3.7
Hospitals	178.5	178.3	174.3	.1	2.4
GOVERNMENT	667.7	649.7	664.1	2.8	.6
Federal government	88.4	88.8	88.5	- .5	- .1
State government	147.1	135.5	146.4	8.5	.5
State government, except education	69.6	69.8	70.4	- .4	- 1.2
State government education[i]	77.5	65.7	76.0	18.0	2.0
Local government	432.3	425.3	429.2	1.6	.7
Local government, except education	182.8	185.7	181.1	- 1.6	.9
Local government education	249.5	239.6	248.1	4.1	.6

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[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Based on March 1982 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes miscellaneous manufacturing. [f] Includes tobacco manufactures. [h] Depressed due to labor-management disputes, [i] Includes State Universities, State Schools for Deaf and Blind, and the State Library. Excludes hospitals, the agricultural extension service, agricultural research centers, and departments coordinating and administering educational programs (notably, the Ohio Department of Education).

Labor Market Information Division
Ohio Bureau of Employment Services
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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN OHIO[a]
OCTOBER 1983 (Continued)

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	October 1983[b]	September 1983[c]	October 1982[c]	Oct. 1983[b]	Sep. 1983[c]	Oct. 1982[c]	Oct. 1983[b]	Sep. 1983[c]	Oct. 1982[c]
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
MINING	$460.10	$462.41	$453.84	43.0	43.5	43.1	$10.70	$10.63	$10.53
Bituminous coal and lignite mining	554.45	557.47	546.07	40.5	40.9	42.2	13.69	13.63	12.94
CONSTRUCTION	577.57	601.09	572.26	37.0	37.9	38.1	15.61	15.86	15.02
General building contractors	491.75	514.40	515.11	35.1	36.2	37.3	14.01	14.21	13.81
Heavy construction contractors	529.02	569.24	576.42	35.6	38.0	39.4	14.86	14.98	14.63
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Railroad transportation	......	......	......	....	....	....	....	....	....
Transportation, except railroads	......	......	......	....	....	....	....	....	....
Trucking and warehousing	444.24	447.28	443.75	36.0	36.1	35.7	12.34	12.39	12.43
Communication, electric, gas services	471.71	467.64	435.71	40.7	40.7	39.9	11.59	11.49	10.92
Communication	470.90	463.98	426.80	40.7	40.7	39.3	11.57	11.40	10.86
Electric, gas, and sanitary services	471.37	473.69	446.19	40.6	40.8	40.6	11.61	11.61	10.99
WHOLESALE TRADE	332.64	331.30	317.42	39.6	39.3	38.9	8.40	8.43	8.16
Wholesale trade-durable goods	325.60	325.96	308.46	40.0	39.8	38.8	8.14	8.19	7.95
Motor vehicles & automotive equipment	272.69	275.50	266.25	38.9	38.0	37.5	7.01	7.25	7.10
Electrical goods	276.10	271.74	259.70	38.4	37.9	37.1	7.19	7.17	7.00
Machinery, equipment, and supplies	368.42	366.21	338.13	40.8	40.6	39.0	9.03	9.02	8.67
Wholesale trade-nondurable goods	344.16	340.34	332.28	38.8	38.5	39.0	8.87	8.84	8.52
Groceries and related products	371.28	367.69	360.93	40.8	40.9	40.6	9.10	8.99	8.89
RETAIL TRADE[f]	162.21	161.32	153.99	29.6	29.6	29.0	5.48	5.45	5.31
General merchandise stores	166.24	167.40	155.56	30.9	31.0	29.8	5.38	5.40	5.22
Department stores	169.81	171.21	157.94	31.1	31.3	29.8	5.46	5.47	5.30
Food stores	218.15	220.82	223.92	30.9	31.5	31.1	7.06	7.01	7.20
Automotive dealers & service stations	215.76	215.26	198.74	35.9	36.3	36.4	6.01	5.93	5.46
Apparel and accessory stores	120.15	117.82	110.66	26.7	26.3	26.1	4.50	4.48	4.24
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
Banking	218.40	218.60	205.14	....	....	....	....	....	....
Credit agencies other than banks	210.34	211.32	204.77	....	....	....	....	....	....
Insurance carriers	291.22	290.68	277.35	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
Hotels and other lodging places	......	......	......	....	....	....	....	....	....
Laundry, cleaning, & garment services	......	......	......	....	....	....	....	....	....
Business services	......	......	......	....	....	....	....	....	....
Health services	......	......	......	....	....	....	....	....	....
Hospitals	283.74	285.76	267.79	33.9	34.1	34.2	8.37	8.38	7.83
GOVERNMENT	......	......	......	....	....	....	....	....	....
Federal government	......	......	......	....	....	....	....	....	....
State government	......	......	......	....	....	....	....	....	....
State government, except education	......	......	......	....	....	....	....	....	....
State government education	......	......	......	....	....	....	....	....	....
Local government	......	......	......	....	....	....	....	....	....
Local government, except education	......	......	......	....	....	....	....	....	....
Local government education	......	......	......	....	....	....	....	...	....

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes miscellaneous manufacturing. [e] Includes tobacco manufactures. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

Labor Market Information Division
Ohio Bureau of Employment Services
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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN AKRON METROPOLITAN AREA[a]
OCTOBER 1983

Industry	Employment (in thousands)			Percent Change From[d]	
	October 1983[b]	September 1983[c]	October 1982[c]	September 1983	October 1982
TOTAL	255.6	256.1	252.5	- .2	1.2
MANUFACTURING	68.2	68.0	67.4	.2	1.1
Durable Goods[e]	34.7	34.5	33.4	.7	4.0
Stone, clay, and glass products	2.0	2.0	1.7	.2	12.8
Fabricated metal products	12.3	12.3	12.6	.2	- 2.5
Machinery, except electrical	9.6	9.5	9.0	.5	6.3
Special industry machinery	1.6	1.6	1.6	1.9	- .2
Nondurable Goods[f]	33.4	33.5	34.0	- .2	- 1.7
Food and kindred products	2.5	2.5	2.7	- .9	- 5.9
Chemicals and allied products	2.7	2.9	3.2	- 4.2	- 13.2
Rubber and misc. plastics products	23.2	23.2	23.2	.3	.1
Tires and inner tubes	16.7	16.7	17.3	.0	- 3.4
NONMANUFACTURING[g]	187.4	188.1	185.1	- .4	1.3
CONSTRUCTION	7.9	7.9	8.2	.0	- 3.5
TRANSPORTATION AND PUBLIC UTILITIES	12.7	12.8	13.1	- .5	- 2.6
Communication, electric, gas services	5.3	5.4	5.5	- .4	- 2.1
WHOLESALE TRADE	12.7	12.6	12.5	.3	1.0
RETAIL TRADE	46.9	47.3	46.2	- .9	1.4
FINANCE, INSURANCE, AND REAL ESTATE	9.3	9.3	9.3	- .3	.2
SERVICES	53.8	54.5	52.2	- 1.2	3.0
GOVERNMENT	43.5	43.0	42.9	1.1	1.4
State government (includes education)	15.3	14.9	14.8	3.0	3.4
Local government (includes education)	26.1	26.1	26.1	.1	.3

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Akron area is defined as Portage and Summit Counties. Based on March 1982 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; primary metal industries; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN AKRON METROPOLITAN AREA[a]
OCTOBER 1983

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	October 1983[b]	September 1983[c]	October 1982[c]	Oct. 1983[b]	Sep. 1983[c]	Oct. 1982[c]	Oct. 1983[b]	Sep. 1983[c]	Oct. 1982[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$464.18	$461.54	$401.76	43.3	43.5	40.5	$10.72	$10.61	$ 9.92
Durable Goods[d]	477.86	469.97	403.92	43.6	43.8	40.8	10.96	10.73	9.90
Stone, clay, and glass products	401.94	404.34	403.37	42.0	41.9	41.8	9.57	9.65	9.65
Fabricated metal products	578.18	560.28	390.39	45.1	45.7	39.0	12.82	12.26	10.01
Machinery, except electrical	423.69	416.35	406.27	43.5	43.1	42.1	9.74	9.66	9.65
Special industry machinery	441.00	460.56	358.02	44.1	45.6	39.0	10.00	10.10	9.18
Nondurable Goods[e]	445.30	449.10	399.99	42.9	43.1	40.2	10.38	10.42	9.95
Food and kindred products	450.91	451.23	419.08	44.6	44.5	44.3	10.11	10.14	9.46
Chemicals and allied products	473.27	465.80	438.19	43.3	42.5	41.3	10.93	10.96	10.61
Rubber and misc. plastics products	467.15	471.43	403.81	43.7	44.1	40.1	10.69	10.69	10.07
Tires and inner tubes	609.44	618.31	507.91	46.1	46.7	40.6	13.22	13.24	12.51
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	544.32	558.67	574.53	35.6	36.9	37.6	15.29	15.14	15.28
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	480.58	476.35	438.99	40.9	41.1	39.8	11.75	11.59	11.03
WHOLESALE TRADE	295.89	297.20	281.47	39.4	38.9	38.4	7.51	7.64	7.33
RETAIL TRADE[f]	174.60	173.12	171.38	30.0	29.9	29.6	5.82	5.79	5.79
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
State government (includes education)	......	......	......	....	....	....	....	....	....
Local government (includes education)	......	......	......	....	....	....	....	....	....

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Akron area is defined as Portage and Summit Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; furniture and fixtures; primary metal industries; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CANTON METROPOLITAN AREA[a]
OCTOBER 1983

Industry	Employment (in thousands)			Percent Change From[d]	
	October 1983[b]	September 1983[c]	October 1982[c]	September 1983	October 1982
TOTAL	150.1	150.3	148.3	- .1	1.2
MANUFACTURING	46.3	46.6	45.8	- .8	.9
Durable Goods[e]	34.7	35.1	34.6	- 1.3	.1
Stone, clay, and glass products	2.0	2.0	1.9	.2	2.9
Primary metal industries	10.8	11.4	10.3	- 5.2	4.8
Fabricated metal products	7.6	7.5	8.5	1.1	- 10.7
Fabricated structural metal products	2.0	2.0	2.9	- .1	- 29.8
Metal forgings and stampings	2.4	2.3	2.4	2.2	.0
Nondurable Goods[f]	11.6	11.5	11.2	.6	3.4
Food and kindred products	4.3	4.2	4.2	2.8	.9
Rubber and misc. plastics products	3.1	3.1	2.6	.0	16.7
NONMANUFACTURING[g]	103.9	103.6	102.5	.2	1.4
CONSTRUCTION	5.4	5.5	5.2	- 2.0	3.8
TRANSPORTATION AND PUBLIC UTILITIES	6.2	6.2	6.4	.1	- 4.2
Communication, electric, gas services	2.9	2.8	3.0	.8	- 4.5
WHOLESALE TRADE	8.0	7.9	7.7	.7	2.9
RETAIL TRADE	26.2	26.6	26.1	- 1.4	.2
FINANCE, INSURANCE, AND REAL ESTATE	6.6	6.6	6.4	.0	2.1
SERVICES	31.7	31.7	31.1	.3	2.1
GOVERNMENT	18.5	17.9	18.1	3.2	2.0
Local government (includes education)	15.6	15.1	15.1	3.6	3.3

[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Canton area is defined as Carroll and Stark Counties. Based on March 1982 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CANTON METROPOLITAN AREA[a]
OCTOBER 1983

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	October 1983[b]	September 1983[c]	October 1982[c]	Oct. 1983[b]	Sep. 1983[c]	Oct. 1982[c]	Oct. 1983[b]	Sep. 1983[c]	Oct. 1982[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$438.62	$442.27	$400.62	40.5	40.8	38.3	$10.83	$10.84	$10.46
Durable Goods[d]	455.31	457.78	409.58	40.4	40.8	38.1	11.27	11.22	10.75
Stone, clay, and glass products	288.67	294.38	255.84	40.6	41.0	39.0	7.11	7.18	6.56
Primary metal industries	485.21	483.61	456.04	40.2	40.1	35.6	12.07	12.06	12.81
Fabricated metal products	525.00	520.42	448.54	41.7	41.7	40.3	12.59	12.48	11.13
Fabricated structural metal products	463.39	441.78	477.63	40.4	39.2	43.5	11.47	11.27	10.98
Metal forgings and stampings	650.77	641.58	505.79	44.3	44.4	39.3	14.69	14.45	12.87
Nondurable Goods[e]	388.27	394.97	371.39	41.0	41.1	39.3	9.47	9.61	9.45
Food and kindred products	411.35	425.39	412.34	41.3	41.1	38.5	9.96	10.35	10.71
Rubber and misc. plastics products	422.18	424.02	362.97	44.3	44.4	41.2	9.53	9.55	8.81
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	569.43	553.94	550.13	36.2	35.6	37.5	15.73	15.56	14.67
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	479.70	477.10	453.50	41.0	41.2	40.6	11.70	11.58	11.17
WHOLESALE TRADE	318.20	318.57	301.55	37.0	37.0	37.0	8.60	8.61	8.15
RETAIL TRADE[f]	161.40	159.79	150.31	30.0	29.7	29.3	5.38	5.38	5.13
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
Local government (includes education)	......	......	......	....	....	....	....	....	....

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Canton area is defined as Carroll and Stark Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; furniture and fixtures; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CINCINNATI METROPOLITAN AREA[a]
OCTOBER 1983

Industry	Employment (in thousands)			Percent Change From[d]	
	October 1983[b]	September 1983[c]	October 1982[c]	September 1983	October 1982
TOTAL	582.1	578.2	579.0	.7	.5
MANUFACTURING	148.8	145.9	147.0	2.0	1.2
Durable Goods[e]	82.7	79.8	80.3	3.6	3.0
Furniture and fixtures	2.1	2.1	2.1	-.9	-2.7
Primary metal industries	2.0	1.9	1.8	6.7	12.5
Fabricated metal products	13.2	13.0	12.4	1.8	6.9
Fabricated structural metal products	4.1	4.0	4.1	1.2	-.3
Machinery, except electrical	21.3	21.6	22.1	-1.3	-3.5
Metalworking machinery	10.1	10.4	10.8	-2.2	-6.4
General industrial machinery	3.4	3.4	3.4	1.2	-.8
Electric and electronic equipment	7.8	7.7	7.7	1.2	1.3
Transportation equipment	25.8	23.0	24.0	12.2	7.6
Motor vehicles and equipment	10.8	7.9	9.1	36.2	18.7
Nondurable Goods[f]	66.0	66.1	66.7	-.1	-1.0
Food and kindred products	14.8	14.8	15.6	-.3	-5.7
Meat products	2.4	2.4	2.2	.1	8.6
Bakery products	2.3	2.4	2.4	-4.4	-5.7
Beverages	4.3	4.3	4.7	-.2	-8.8
Apparel and other textile products	4.0	4.0	4.0	-.7	.2
Paper and allied products	5.9	5.9	5.7	.2	2.4
Printing and publishing	11.4	11.5	11.2	-.5	1.7
Chemicals and allied products	21.9	21.8	22.2	.1	-1.6
Rubber and misc. plastics products	4.7	4.6	4.2	1.0	9.5
NONMANUFACTURING[g]	433.4	432.3	432.0	.2	.3
CONSTRUCTION	21.2	21.0	21.8	.8	-2.8
TRANSPORTATION AND PUBLIC UTILITIES	31.4	31.4	32.1	-.1	-2.1
Communication, electric, gas services	14.2	14.3	14.4	-.3	-1.5
WHOLESALE TRADE	36.7	36.6	37.2	.2	-1.3
RETAIL TRADE	101.2	101.5	101.7	-.3	-.4
FINANCE, INSURANCE, AND REAL ESTATE	32.0	32.2	32.4	-.4	-1.1
Banking	7.2	7.3	7.3	-.5	-1.5
Insurance carriers	11.0	11.0	11.4	-.2	-3.5
SERVICES	130.5	131.6	127.0	-.8	2.8
GOVERNMENT	79.8	77.5	79.4	3.0	.5
Federal government	12.3	12.3	12.2	-.1	.9
State government (includes education)	17.9	16.7	18.3	7.1	-2.0
Local government	49.7	48.5	49.0	2.3	1.4
Local government, except education	22.0	22.0	21.7	-.2	1.5
Local government education	27.7	26.5	27.3	4.4	1.3

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[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Cincinnati area is defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. Based on March 1982 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; stone, clay, and glass products; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CINCINNATI METROPOLITAN AREA[a]

OCTOBER 1983

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	October 1983[b]	September 1983[c]	October 1982[c]	Oct. 1983[b]	Sep. 1983[c]	Oct. 1982[c]	Oct. 1983[b]	Sep. 1983[c]	Oct. 1982[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$425.18	$417.13	$387.93	41.4	41.3	40.2	$10.27	$10.10	$ 9.65
Durable Goods[d]	423.07	404.42	372.33	41.6	41.1	39.4	10.17	9.84	9.45
Furniture and fixtures	326.01	338.13	263.02	40.7	41.9	35.4	8.01	8.07	7.43
Primary metal industries	453.13	477.15	315.58	40.1	41.6	32.5	11.30	11.47	9.71
Fabricated metal products	392.20	383.88	376.26	42.4	42.0	41.9	9.25	9.14	8.98
Fabricated structural metal products	368.58	367.84	346.52	41.6	41.8	41.8	8.86	8.80	8.29
Machinery, except electrical	368.28	363.38	336.92	39.9	39.2	38.2	9.23	9.27	8.82
Metalworking machinery	390.14	389.76	350.12	38.1	38.1	35.8	10.24	10.23	9.78
General industrial machinery	328.41	340.98	333.48	38.5	40.4	39.7	8.53	8.44	8.40
Electric and electronic equipment	326.72	305.73	286.04	41.2	39.5	39.4	7.93	7.74	7.26
Transportation equipment	590.34	574.66	503.60	43.6	43.7	40.0	13.54	13.15	12.59
Motor vehicles and equipment	645.58	645.00	529.42	44.4	45.2	38.7	14.54	14.27	13.68
Nondurable Goods[e]	428.28	430.36	405.08	41.3	41.5	41.0	10.37	10.37	9.88
Food and kindred products	460.02	485.47	454.37	41.0	43.0	41.8	11.22	11.29	10.87
Meat products	400.82	402.94	428.08	40.9	41.2	41.4	9.80	9.78	10.34
Bakery products	425.41	447.98	389.05	40.4	43.2	40.4	10.53	10.37	9.63
Beverages	441.74	445.84	455.24	41.4	42.1	44.5	10.67	10.59	10.23
Apparel and other textile products	202.71	213.07	226.80	35.5	36.8	40.5	5.71	5.79	5.60
Paper and allied products	381.06	384.22	357.39	41.6	41.9	41.8	9.16	9.17	8.55
Printing and publishing	432.14	410.40	387.48	40.5	38.9	38.1	10.67	10.55	10.17
Chemicals and allied products	500.57	501.17	458.43	42.1	42.4	41.3	11.89	11.82	11.10
Rubber and misc. plastics products	359.33	350.51	319.20	45.6	44.2	42.0	7.88	7.93	7.60
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	542.72	562.87	581.74	36.4	37.4	38.5	14.91	15.05	15.11
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	452.71	443.98	415.91	39.4	39.5	39.2	11.49	11.24	10.61
WHOLESALE TRADE	339.63	343.08	321.15	39.4	39.8	38.6	8.62	8.62	8.32
RETAIL TRADE[f]	163.10	164.08	156.15	30.6	30.9	29.8	5.33	5.31	5.24
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
Banking	225.23	223.93	201.27	....	....	....	....	....	....
Insurance carriers	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
Federal government	......	......	......	....	....	....	....	....	....
State government (includes education)	......	......	......	....	....	....	....	....	....
Local government	......	......	......	....	....	....	....	....	....
Local government, except education	......	......	......	....	....	....	....	....	....
Local government education	......	......	......	....	....	....	....	....	....

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[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Cincinnati area is defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; stone, clay, and glass products; instruments and related products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CLEVELAND METROPOLITAN AREA[a]
OCTOBER 1983

Industry	Employment (in thousands)			Percent Change From[d]	
	October 1983[b]	September 1983[c]	October 1982[c]	September 1983	October 1982
TOTAL	837.3	836.6	842.3	.1	- .6
MANUFACTURING	215.4	214.6	216.1	.4	- .3
Durable Goods[e]	149.6	148.6	152.5	.7	- 1.9
Furniture and fixtures	1.7	1.7	2.0	1.2	- 13.9
Primary metal industries	25.1	24.8	25.5	1.1	- 1.7
Blast furnace and basic steel products	12.3	12.3	13.1	.1	- 6.4
Iron and steel foundries	6.3	6.2	6.3	1.8	- .5
Nonferrous foundries	2.7	2.6	2.6	3.7	5.8
Fabricated metal products	32.3	32.0	32.8	.8	- 1.5
Fabricated structural metal products	3.9	3.9	3.9	- 1.1	- .2
Screw machine products, bolts, etc.	4.7	4.6	4.7	3.7	1.2
Metal forgings and stampings	10.8	10.7	11.5	.6	- 6.2
Machinery, except electrical	32.2	32.1	35.2	.1	- 8.7
Construction and related machinery	5.5	5.5	5.3[h]	.1	4.0
Metalworking machinery	10.5	10.5	12.2	- .4	- 14.1
Special industry machinery	3.2	3.1	3.4	1.7	- 6.5
General industrial machinery	2.5	2.5	2.9	- 2.2	- 15.1
Electric and electronic equipment	23.5	23.4	23.5	.6	.3
Electrical industrial apparatus	7.8	7.8	8.3	- .3	- 6.3
Transportation equipment	21.0	20.7	19.7	1.7	7.0
Motor vehicles and equipment	14.7	14.3	13.1	2.8	12.3
Instruments and related products	5.6	5.6	5.8	- .2	- 3.4
Nondurable Goods[f]	65.8	65.9	63.6	- .2	3.5
Food and kindred products	8.0	8.2	7.8	- 2.0	2.4
Bakery products	1.7	1.7	1.7	.2	- .6
Beverages	1.6	1.6	1.6	- 3.1	.1
Apparel and other textile products	5.5	5.5	5.4	.3	2.6
Paper and allied products	5.1	5.1	5.0	.6	2.2
Printing and publishing	15.3	15.3	14.7	.0	3.5
Chemicals and allied products	14.6	14.7	14.9	- .8	- 2.4
Industrial inorganic chemicals	3.5	3.6	3.8	- 2.3	- 7.0
Rubber and misc. plastics products	11.3	11.1	9.9	1.8	14.4
NONMANUFACTURING[g]	621.9	622.1	626.2	.0	- .7
CONSTRUCTION	26.5	26.7	27.1	- .8	- 2.3
TRANSPORTATION AND PUBLIC UTILITIES	42.1	42.1	43.4	.0	- 3.0
Communication, electric, gas services	19.6	19.6	20.0	- .1	- 2.4
WHOLESALE TRADE	59.9	59.8	60.9	.1	- 1.7
RETAIL TRADE	133.0	133.4	135.7	- .3	- 2.0
FINANCE, INSURANCE, AND REAL ESTATE	47.7	48.2	48.1	- 1.0	- .8
Banking	13.0	13.1	13.4	- .2	- 2.6
Insurance carriers	11.8	12.1	12.3	- 2.4	- 3.6
SERVICES	198.8	198.2	195.2	.3	1.8
GOVERNMENT	112.8	112.5	114.5	.2	- 1.5
Federal government	19.1	19.2	19.1	- .4	.1
State government (includes education)	8.1	7.3	7.9	10.6	1.7
Local government	85.6	86.0	87.4	- .5	- 2.1
Local government, except education	44.5	45.7	44.3	- 2.6	.5
Local government education	41.0	40.3	43.1	1.8	- 4.8

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Cleveland area is defined as Cuyahoga, Geauga, Lake, and Medina Counties. Based on March 1982 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; stone, clay, and glass products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CLEVELAND METROPOLITAN AREA[a]

OCTOBER 1983

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	October 1983[b]	September 1983[c]	October 1982[c]	Oct. 1983[b]	Sep. 1983[c]	Oct. 1982[c]	Oct. 1983[b]	Sep. 1983[c]	Oct. 1982[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$443.30	$440.77	$397.88	41.9	41.7	39.2	$10.58	$10.57	$10.15
Durable Goods[d]	471.91	468.57	418.55	42.4	42.1	39.3	11.13	11.13	10.65
Furniture and fixtures	333.34	322.78	319.18	40.8	39.8	39.6	8.17	8.11	8.06
Primary metal industries	537.14	541.40	459.05	42.8	42.9	37.2	12.55	12.62	12.34
Blast furnace and basic steel products	510.26	511.04	475.74	39.1	39.1	34.3	13.05	13.07	13.87
Iron and steel foundries	678.08	690.49	515.11	46.7	47.1	39.9	14.52	14.66	12.91
Nonferrous foundries	363.27	351.60	338.35	41.9	40.6	39.9	8.67	8.66	8.48
Fabricated metal products	442.44	450.05	407.54	41.7	42.1	39.3	10.61	10.69	10.37
Fabricated structural metal products	330.81	359.20	335.75	38.2	40.0	39.5	8.66	8.98	8.50
Screw machine products, bolts, etc.	427.14	433.15	351.54	42.0	42.3	37.8	10.17	10.24	9.30
Metal forgings and stampings	559.88	562.61	495.26	44.4	44.3	40.2	12.61	12.70	12.32
Machinery, except electrical	452.76	433.61	427.58	42.0	40.6	40.3	10.78	10.68	10.61
Construction and related machinery	514.19	510.05	440.50	41.5	41.4	39.9	12.39	12.32	11.04
Metalworking machinery	417.77	410.10	382.42	40.6	39.7	37.2	10.29	10.33	10.28
Special industry machinery	470.79	469.06	437.47	41.7	41.4	41.0	11.29	11.33	10.67
General industrial machinery	419.34	402.62	382.20	42.4	41.0	39.0	9.89	9.82	9.80
Electric and electronic equipment	403.24	392.35	356.18	41.4	40.2	38.8	9.74	9.76	9.18
Electrical industrial apparatus	365.63	357.75	353.79	36.6	36.1	35.7	9.99	9.91	9.91
Transportation equipment	587.25	585.90	496.92	45.0	45.0	41.0	13.05	13.02	12.12
Motor vehicles and equipment	625.18	625.18	493.29	45.6	45.7	39.4	13.71	13.68	12.52
Instruments and related products	349.76	361.38	329.62	39.7	41.3	40.1	8.81	8.75	8.22
Nondurable Goods[e]	369.77	370.37	341.93	40.5	40.7	38.9	9.13	9.10	8.79
Food and kindred products	374.53	393.87	362.79	40.1	41.2	40.4	9.34	9.56	8.98
Bakery products	417.90	413.34	377.30	42.0	41.5	39.8	9.95	9.96	9.48
Beverages	343.10	344.40	330.40	40.7	41.0	41.3	8.43	8.40	8.00
Apparel and other textile products	270.27	271.04	253.13	38.5	38.5	36.9	7.02	7.04	6.86
Paper and allied products	417.98	428.50	374.33	44.8	45.2	41.0	9.33	9.48	9.13
Printing and publishing	375.36	356.85	346.74	36.8	35.9	35.6	10.20	9.94	9.74
Chemicals and allied products	455.03	457.69	406.21	41.9	42.3	40.1	10.86	10.82	10.13
Industrial inorganic chemicals	493.02	498.62	393.19	41.5	42.4	38.7	11.88	11.76	10.16
Rubber and misc. plastics products	328.27	338.77	313.07	41.5	43.1	40.5	7.91	7.86	7.73
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	692.85	739.09	641.66	38.3	39.8	38.4	18.09	18.57	16.71
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	498.15	494.51	467.17	40.5	40.6	40.1	12.30	12.18	11.65
WHOLESALE TRADE	342.70	338.04	329.72	39.3	38.9	38.7	8.72	8.69	8.52
RETAIL TRADE[f]	170.74	171.96	164.42	28.6	28.9	28.3	5.97	5.95	5.81
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
Banking	247.43	247.28	236.84	....	....	....	....	....	....
Insurance carriers	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
Federal government	......	......	......	....	....	....	....	....	....
State government (includes education)	......	......	......	....	....	....	....	....	....
Local government	......	......	......	....	....	....	....	....	....
Local government, except education	......	......	......	....	....	....	....	....	....
Local government education	......	......	......	....	....	....	....	....	....

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[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Cleveland area is defined as Cuyahoga, Geauga, Lake, and Medina Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; stone, clay, and glass products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN COLUMBUS METROPOLITAN AREA[a]
OCTOBER 1983

Industry	Employment (in thousands)			Percent Change From[d]	
	October 1983[b]	September 1983[c]	October 1982[c]	September 1983	October 1982
TOTAL	513.6	505.2	503.5	1.7	2.0
MANUFACTURING	90.4	89.0	86.3	1.5	4.7
Durable Goods[e]	58.8	57.7	54.3	1.8	8.2
Stone, clay, and glass products	9.6	9.5	9.4	1.4	2.5
Fabricated metal products	10.3	10.2	8.6	1.3	19.9
Machinery, except electrical	10.5	10.2	10.4	2.6	.3
Electric and electronic equipment	10.9	10.7	10.7	2.5	2.1
Transportation equipment	8.7	8.6	7.0	1.4	23.6
Nondurable Goods[f]	31.6	31.3	32.0	.9	- 1.2
Food and kindred products	10.1	10.1	10.2	- .1	- 1.5
Printing and publishing	8.1	7.9	8.3	2.5	- 3.2
Chemicals and allied products	6.0	6.0	6.0	.4	.9
Rubber and misc. plastics products	2.7	2.7	2.7	1.2	- .8
NONMANUFACTURING[g]	423.3	416.2	417.2	1.7	1.5
CONSTRUCTION	15.9	15.8	16.1	.7	- 1.1
TRANSPORTATION AND PUBLIC UTILITIES	22.4	22.3	23.2	.2	- 3.6
Communication, electric, gas services	10.6	10.6	11.1	.0	- 4.1
WHOLESALE TRADE	27.5	27.4	27.2	.3	1.2
RETAIL TRADE	94.7	94.0	94.1	.7	.6
FINANCE, INSURANCE, AND REAL ESTATE	43.3	43.3	41.6	- .1	4.0
Banking	8.6	8.6	8.3	.2	4.6
Insurance carriers	17.7	17.6	17.7	.2	.0
SERVICES	115.0	113.6	112.0	1.2	2.7
GOVERNMENT	103.8	99.0	102.3	4.9	1.5
Federal government	11.3	11.2	11.4	.7	- 1.0
State government	49.3	45.0	49.6	9.5	- .5
State government, except education	28.1	28.1	28.7	.2	- 2.0
State government education[i]	21.2	17.0	20.9	24.9	1.4
Local government	43.2	42.8	41.4	1.1	4.5
Local government, except education	17.9	18.3	17.4	- 1.9	3.1
Local government education	25.3	24.5	23.9	3.3	5.6

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Columbus area is defined as Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. Based on March 1982 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes. [i] Includes State Universities, State Schools for Deaf and Blind, and the State Library. Excludes hospitals, the agricultural extension service, agricultural research centers, and departments coordinating and administering education programs (notably, the Ohio Department of Education).

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN COLUMBUS METROPOLITAN AREA[a]
OCTOBER 1983

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	October 1983[b]	September 1983[c]	October 1982[c]	Oct. 1983[b]	Sep. 1983[c]	Oct. 1982[c]	Oct. 1983[b]	Sep. 1983[c]	Oct. 1982[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$415.33	$410.45	$376.75	41.0	40.8	39.7	$10.13	$10.06	$ 9.49
Durable Goods[d]	434.89	431.78	392.43	41.3	41.2	39.8	10.53	10.48	9.86
Stone, clay, and glass products	393.66	383.57	365.27	40.5	39.3	38.9	9.72	9.76	9.39
Fabricated metal products	542.01	519.09	447.12	43.5	42.1	40.1	12.46	12.33	11.15
Machinery, except electrical	379.32	377.81	371.33	40.7	40.8	40.1	9.32	9.26	9.26
Electric and electronic equipment	433.44	449.33	390.02	43.0	44.4	40.5	10.08	10.12	9.63
Transportation equipment	522.52	511.63	490.03	42.9	42.6	42.5	12.18	12.01	11.53
Nondurable Goods[e]	370.52	366.40	348.57	40.1	40.0	39.7	9.24	9.16	8.78
Food and kindred products	356.09	363.26	353.97	40.1	41.0	41.4	8.88	8.86	8.55
Printing and publishing	438.45	442.50	400.64	37.7	37.5	37.2	11.63	11.80	10.77
Chemicals and allied products	423.94	415.31	383.51	41.0	40.4	40.2	10.34	10.28	9.54
Rubber and misc. plastics products	308.00	310.75	285.82	42.6	43.1	40.2	7.23	7.21	7.11
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	495.60	490.10	517.59	38.3	37.7	38.8	12.94	13.00	13.34
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	480.78	479.49	455.31	40.3	40.6	39.8	11.93	11.81	11.44
WHOLESALE TRADE	296.40	300.65	311.26	40.0	39.3	39.4	7.41	7.65	7.90
RETAIL TRADE[f]	166.40	165.50	153.05	29.4	29.5	28.5	5.66	5.61	5.37
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
Banking	236.05	237.76	227.17	....	....	....	....	....	....
Insurance carriers	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
Federal government	......	......	......	....	....	....	....	....	....
State government	......	......	......	....	....	....	....	....	....
State government, except education	......	......	......	....	....	....	....	....	....
State government education	......	......	......	....	....	....	....	....	....
Local government	......	......	......	....	....	....	....	....	....
Local government, except education	......	......	......	....	....	....	....	....	....
Local government education	......	......	......	....	....	....	....	....	....

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Columbus area is defined as Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN DAYTON METROPOLITAN AREA[a]
OCTOBER 1983

Industry	Employment (in thousands)			Percent Change From[d]	
	October 1983[b]	September 1983[c]	October 1982[c]	September 1983	October 1982
TOTAL	341.7	340.3	338.1	.4	1.1
MANUFACTURING	89.2	89.1	85.8	.1	4.0
Durable Goods[e]	61.8	61.6	60.0	.3	2.9
Stone, clay, and glass products	2.2	2.1	1.9	1.0	12.9
Fabricated metal products	6.9	6.9	6.5	.0	7.2
Machinery, except electrical	29.0	28.7	28.5	.8	1.5
Metalworking machinery	6.1	6.0	6.3	.5	- 4.1
Electric and electronic equipment	4.6	4.6	4.6	- .3	- .8
Electrical industrial apparatus	2.6	2.6	2.6	.3	.4
Transportation equipment	13.4	13.2	12.7	1.1	5.0
Nondurable Goods[f]	27.4	27.5	25.8	- .2	6.4
Food and kindred products	3.1	3.1	2.9	1.3	7.8
Paper and allied products	5.4	5.4	5.3	.3	1.7
Printing and publishing	7.4	7.4	7.3	- .3	1.4
Rubber and misc. plastics products	8.0	8.1	7.0	- .5	14.4
NONMANUFACTURING[g]	252.5	251.2	252.3	.5	.1
CONSTRUCTION	10.1	10.0	10.2	1.0	- .6
TRANSPORTATION AND PUBLIC UTILITIES	12.3	12.3	12.7	- .2	- 3.1
Communication, electric, gas services	5.6	5.7	6.3	- 1.1	- 10.7
WHOLESALE TRADE	16.5	16.5	16.7	.0	- .9
RETAIL TRADE	54.8	55.1	55.6	- .5	- 1.4
FINANCE, INSURANCE, AND REAL ESTATE	13.6	13.8	13.4	- .8	1.6
SERVICES	77.4	77.6	76.0	- .2	1.9
GOVERNMENT	67.3	65.5	67.4	2.7	- .1
Federal government	25.8	26.1	26.1	- 1.0	- .9
State government (includes education)	5.9	5.2	5.8	13.0	.5
Local government	35.6	34.3	35.5	4.0	.4
Local government, except education	12.8	13.0	12.8	- 2.0	- .5
Local government education	22.9	21.2	22.7	7.7	1.0

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Dayton area is defined as Greene, Miami, Montgomery, and Preble Counties. Based on March 1982 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN DAYTON METROPOLITAN AREA[a]
OCTOBER 1983

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	October 1983[b]	September 1983[c]	October 1982[c]	Oct. 1983[b]	Sep. 1983[c]	Oct. 1982[c]	Oct. 1983[b]	Sep. 1983[c]	Oct. 1982[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$468.70	$464.40	$393.39	43.0	43.0	39.3	$10.90	$10.80	$10.01
Durable Goods[d]	468.50	465.70	393.82	43.1	43.2	39.5	10.87	10.78	9.97
Stone, clay, and glass products	373.86	406.83	393.50	39.9	40.4	37.8	9.37	10.07	10.41
Fabricated metal products	344.84	347.78	306.48	41.2	41.6	38.6	8.37	8.36	7.94
Machinery, except electrical	490.80	496.17	403.52	43.9	44.7	39.6	11.18	11.10	10.19
Metalworking machinery	462.97	465.41	399.12	43.8	43.7	39.4	10.57	10.65	10.13
Electric and electronic equipment	322.79	321.99	311.40	40.5	40.4	40.6	7.97	7.97	7.67
Electrical industrial apparatus	347.62	347.58	320.38	40.8	40.7	39.7	8.52	8.54	8.07
Transportation equipment	608.40	596.28	483.15	45.0	44.3	39.7	13.52	13.46	12.17
Nondurable Goods[e]	469.27	458.77	392.89	42.7	42.4	38.9	10.99	10.82	10.10
Food and kindred products	358.38	356.00	385.93	39.6	39.6	39.3	9.05	8.99	9.82
Paper and allied products	411.00	403.99	357.79	43.4	43.3	41.7	9.47	9.33	8.58
Printing and publishing	431.93	409.32	376.84	38.6	37.9	36.2	11.19	10.80	10.41
Rubber and misc. plastics products	607.85	591.78	472.01	45.6	44.9	38.5	13.33	13.18	12.26
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	537.97	546.93	541.94	38.1	38.9	39.5	14.12	14.06	13.72
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	477.50	466.32	403.39	40.5	40.2	36.5	11.79	11.60	11.05
WHOLESALE TRADE	347.28	350.24	311.12	42.3	42.3	40.3	8.21	8.28	7.72
RETAIL TRADE[f]	159.84	160.38	149.06	29.6	29.7	29.0	5.40	5.40	5.14
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
Federal government	......	......	......	....	....	....	....	....	....
State government (includes education)	......	......	......	....	....	....	....	....	....
Local government	......	......	......	....	....	....	....	....	....
Local government, except education	......	......	......	....	....	....	....	....	....
Local government education	......	......	......	....	....	....	....	....	....

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Dayton area is defined as Greene, Miami, Montgomery, and Preble Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN TOLEDO METROPOLITAN AREA[a]
OCTOBER 1983

Industry	Employment (in thousands)			Percent Change From[d]	
	October 1983[b]	September 1983[c]	October 1982[c]	September 1983	October 1982
TOTAL	291.7	289.4	285.5	.8	2.2
MANUFACTURING	73.5	73.3	67.4	.3	9.0
Durable Goods[e]	56.8	56.0	52.1	1.5	9.0
Stone, clay, and glass products	11.7	11.7	11.7	.0	- .3
Primary metal industries	3.8	3.9	3.5	- 3.9	7.6
Fabricated metal products	8.3	8.1	7.0	3.3	18.8
Metal forgings and stampings	4.1	4.0	3.0	3.4	35.4
Machinery, except electrical	5.7	5.7	6.3	- .5	- 10.2
General industrial machinery	1.5	1.5	1.8	- 1.7	- 15.8
Transportation equipment	19.8	19.1	16.0	4.0	24.1
Motor vehicles and equipment	18.6	17.9	14.7	4.2	26.2
Nondurable Goods[f]	16.6	17.3	15.2	- 3.6	9.1
Food and kindred products	4.4	5.2	4.1	- 15.6	8.1
Rubber and misc. plastics products	4.1	3.9	3.2	4.6	26.5
NONMANUFACTURING[g]	218.3	216.1	218.1	1.0	.1
CONSTRUCTION	10.7	10.5	11.7	1.7	- 8.8
TRANSPORTATION AND PUBLIC UTILITIES	17.3	17.5	18.0	- .8	- 3.9
Communication, electric, gas services ..	7.4	7.4	7.6	- .4	- 3.4
WHOLESALE TRADE	14.2	14.2	14.5	.1	- 2.0
RETAIL TRADE	49.8	49.8	50.5	.0	- 1.4
FINANCE, INSURANCE, AND REAL ESTATE	11.0	11.1	10.8	- .4	2.0
SERVICES	66.6	66.4	65.0	.4	2.5
GOVERNMENT	48.0	46.2	47.0	4.0	2.0
State government (includes education) ..	15.5	14.1	15.2	10.0	1.5
Local government	29.8	29.4	29.1	1.5	2.6
Local government, except education ...	11.6	11.8	10.9	- 1.5	6.4
Local government education	18.2	17.6	18.2	3.5	.3

[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Toledo area is defined as Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. Based on March 1982 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; electric and electronic equipment; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN TOLEDO METROPOLITAN AREA[a]
OCTOBER 1983

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	October 1983[b]	September 1983[c]	October 1982[c]	Oct. 1983[b]	Sep. 1983[c]	Oct. 1982[c]	Oct. 1983[b]	Sep. 1983[c]	Oct. 1982[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$509.89	$500.46	$454.71	44.3	43.9	41.3	$11.51	$11.40	$11.01
Durable Goods[d]	539.69	525.67	468.76	45.2	44.1	41.3	11.94	11.92	11.35
Stone, clay, and glass products	515.39	509.52	484.65	43.9	43.4	42.7	11.74	11.74	11.35
Primary metal industries	519.59	488.43	434.09	47.8	45.1	41.5	10.87	10.83	10.46
Fabricated metal products	515.65	492.60	421.30	44.8	44.1	40.2	11.51	11.17	10.48
Metal forgings and stampings	547.94	538.02	452.32	43.8	44.1	38.3	12.51	12.20	11.81
Machinery, except electrical	444.80	438.13	411.20	41.3	41.1	39.5	10.77	10.66	10.41
General industrial machinery	498.61	504.11	460.21	41.9	41.8	39.1	11.90	12.06	11.77
Transportation equipment	620.02	607.94	540.56	46.9	45.2	42.1	13.22	13.45	12.84
Motor vehicles and equipment	619.55	606.14	538.86	46.9	45.1	42.0	13.21	13.44	12.83
Nondurable Goods[e]	402.37	413.66	404.58	41.1	43.0	41.2	9.79	9.62	9.82
Food and kindred products	410.82	467.03	417.78	41.0	47.9	42.5	10.02	9.75	9.83
Rubber and misc. plastics products	348.16	332.49	336.36	41.3	40.4	39.9	8.43	8.23	8.43
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	632.17	613.62	634.29	37.9	36.7	38.7	16.68	16.72	16.39
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	486.37	502.32	467.40	40.7	42.0	41.0	11.95	11.96	11.40
WHOLESALE TRADE	341.64	340.22	337.95	38.3	38.4	38.8	8.92	8.86	8.71
RETAIL TRADE[f]	163.79	164.35	157.79	29.3	29.4	28.9	5.59	5.59	5.46
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
State government (includes education)	......	......	......	....	....	....	....	....	....
Local government	......	......	......	....	....	....	....	....	....
Local government, except education	......	......	......	....	....	....	....	....	....
Local government education	......	......	......	....	....	....	....	....	....

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[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Toledo area is defined as Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; furniture and fixtures; electric and electronic equipment; instruments and related products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN YOUNGSTOWN-WARREN METROPOLITAN AREA[a]
OCTOBER 1983

Industry	Employment (in thousands)			Percent Change From[d]	
	October 1983[b]	September 1983[c]	October 1982[c]	September 1983	October 1982
TOTAL	185.8	186.3	180.9	- .2	2.7
MANUFACTURING	56.5	56.4	51.4	.1	9.9
Durable Goods[e]	51.3	51.2	46.3	.2	10.8
Stone, clay, and glass products	2.0	2.0	1.8	- 1.5	12.1
Primary metal industries	24.2	23.6	21.2	2.9	14.2
Blast furnace and basic steel products	10.1	9.6	9.2	5.6	9.8
Fabricated metal products	8.8	8.8	7.9	.7	12.2
Fabricated structural metal products	2.3	2.3	2.4	- 2.8	- 7.4
Machinery, except electrical	3.4	3.4	4.5	1.0	- 24.3
Metalworking machinery	1.3	1.3	2.3	.2	- 45.1
Electric and electronic equipment	2.6	2.6	2.7	.0	- 4.8
Transportation equipment	8.6[h]	9.4	6.4	- 7.6	35.4
Nondurable Goods[f]	5.2	5.2	5.1	- .4	2.5
NONMANUFACTURING[g]	129.3	129.8	129.5	- .4	- .2
CONSTRUCTION	5.4	5.3	5.8	.4	- 6.9
TRANSPORTATION AND PUBLIC UTILITIES	7.8	7.9	8.2	- .7	- 4.5
Communication, electric, gas services	3.1	3.2	3.2	- 1.3	- 2.9
WHOLESALE TRADE	8.0	8.0	8.0	.0	- .4
RETAIL TRADE	34.4	34.9	35.7	- 1.4	- 3.6
FINANCE, INSURANCE, AND REAL ESTATE	7.3	7.3	7.1	- .3	2.4
SERVICES	41.1	42.0	39.9	- 2.2	3.1
GOVERNMENT	24.2	23.3	23.8	4.0	1.8
Local government (includes education)	18.8	18.4	18.4	2.3	2.0

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Youngstown-Warren area is defined as Mahoning and Trumbull Counties. Based on March 1982 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; instruments and related products; miscellaneous manufacturing. [f] Includes food and kindred products; tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and misc. plastics products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN YOUNGSTOWN-WARREN METROPOLITAN AREA[a]
OCTOBER 1983

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	October 1983[b]	September 1983[c]	October 1982[c]	Oct. 1983[b]	Sep. 1983[c]	Oct. 1982[c]	Oct. 1983[b]	Sep. 1983[c]	Oct. 1982[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$554.40	$525.76	$455.09	44.0	42.4	39.3	$12.60	$12.40	$11.58
Durable Goods[d] ....[h]	571.03	541.44	467.28	44.3	42.7	39.3	12.89	12.68	11.89
Stone, clay, and glass products	374.92	359.60	344.00	41.2	40.0	40.0	9.10	8.99	8.60
Primary metal industries	545.31	548.77	476.93	41.5	41.7	37.0	13.14	13.16	12.89
Blast furnace and basic steel products	498.97	510.23	485.41	38.8	39.4	35.2	12.86	12.95	13.79
Fabricated metal products	649.54	604.80	440.44	47.0	45.0	38.1	13.82	13.44	11.56
Fabricated structural metal products .	416.70	405.97	365.25	40.3	39.3	37.5	10.34	10.33	9.74
Machinery, except electrical	422.67	451.58	440.42	36.5	38.4	38.0	11.58	11.76	11.59
Metalworking machinery	436.99	468.18	466.48	38.4	40.5	39.7	11.38	11.56	11.75
Electric and electronic equipment	412.93	381.60	395.93	41.5	40.0	41.2	9.95	9.54	9.61
Transportation equipment	736.39	601.55	575.65	53.4	45.4	46.2	13.79	13.25	12.46
Nondurable Goods[e]	357.06	343.88	335.71	40.3	38.9	38.9	8.86	8.84	8.63
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	543.84	571.14	593.25	35.2	36.8	38.2	15.45	15.52	15.53
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services ..	476.49	461.77	435.11	40.9	40.4	39.7	11.65	11.43	10.96
WHOLESALE TRADE	327.25	329.42	315.83	36.2	36.2	37.2	9.04	9.10	8.49
RETAIL TRADE[f]	167.29	167.27	157.14	29.4	29.5	29.1	5.69	5.67	5.40
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
Local government (includes education) ..	......	......	......	....	....	....	....	....	....

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Youngstown-Warren area is defined as Mahoning and Trumbull Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; furniture and fixtures; instruments and related products; miscellaneous manufacturing. [e] Includes food and kindred products; tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and misc. plastics products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

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NOTES ON OHIO EMPLOYMENT, HOURS, AND EARNINGS ESTIMATES

Civilian Labor Force Estimates

Civilian Labor Force.—Estimated number of workers 16 years of age and over, employed or unemployed during week including 12th of month, distributed by place of residence.

Total Employed.—Includes nonagricultural wage and salary workers, the self-employed, unpaid family workers, domestics, agricultural workers, and persons involved in labor disputes. Estimates of self-employed, domestics, and unpaid family workers based on data from U.S. Department of Labor and Bureau of the Census. Agricultural worker estimates derived from information supplied by U.S. Department of Agriculture. Estimates of workers involved in labor disputes based in part upon data from Federal Mediation and Conciliation Service. Employment distributed by place of residence.

Total Unemployed.—Estimated number of persons, by place of residence, who did not work during reference week and were looking for work, whether or not eligible for unemployment compensation. Includes those who did not work and were waiting to be called back to an old job or to report to a new job.

Nonagricultural Wage and Salary Employment

Collection.—Nonagricultural wage and salary employment as well as hours and earnings estimates based on monthly reports from sample of employers. Under cooperative arrangement with U.S. Bureau of Labor Statistics, Division of Research and Statistics of Ohio Bureau of Employment Services mails, edits, and processes Ohio reports, which are subsequently incorporated in national data.

Industrial Classification.—Employer establishments classified by industry on basis of their principal product or service. The Standard Industrial Classification Manual (U.S. Office of Management and Budget, Washington, D. C., 1972, amended 1977) used for classification.

Coverage.—Monthly reports on employment and (for most industries) payroll and hours obtained from approximately 8,000 Ohio employers.

Coverage of Ohio Nonagricultural Employment Sample

Industry Division	Approximate Percentage Covered by Sample
Total	43
Manufacturing	62
Nonmanufacturing	35
Mining	63
Construction	24
Transportation and Public Utilities	47
Wholesale Trade	19
Retail Trade	18
Finance, Insurance, and Real Estate	47
Services and Miscellaneous	21
Government	68

Nonagricultural Employment.—Persons who worked during, or received pay for, any part of pay periods which include 12th of month, distributed by place of employment. Includes persons on paid sick leave, paid holiday, or paid vacation. Excluded are persons laid off, on strike, or on unpaid vacation during entire reporting period. Proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers also excluded. Government employment covers only civilian employees. Full-time teachers considered employed during the summer vacation period, whether or not paid in those months.

Estimating Method.—Total employment is estimated from the employment of establishments reporting for two consecutive months, as follows:

$$\underset{\text{(current month)}}{\text{Total Employment}} = \underset{\text{(previous month)}}{\text{Total Employment}} \times \frac{\text{Sample Employment (current month)}}{\text{Sample Employment (previous month)}}$$

Benchmark Data.—Employment estimates compared annually with complete count of employment, by industry. Where revisions necessary, monthly estimates adjusted to new benchmark. Following revisions to new benchmark, industry data projected forward to current month by use of sample trends. Basic source of benchmark information is tabulations of employment data, by industry and area, compiled from contribution reports of employers covered under Ohio Unemployment Compensation Law.

Hours and Earnings

Method of Computing Averages.—Average hours computed by dividing total production worker hours worked during one week (the seven-day periods which include 12th of month) by number of production workers reported for such week. Average hourly earnings computed by dividing total production worker payroll for one week by total production worker hours for week. Average weekly earnings derived by multiplying average hourly earnings by average weekly hours.

Definitions.—Definitions of production or similar workers, payroll, and hours—from which average hours and earnings data are derived—follow:

Production Workers.—Includes working supervisors and all nonsupervisory workers (including group leaders and trainees) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping, maintenance, repair, janitorial and guard services, product development, auxiliary production for plant's own use (such as power plant), and record keeping and other services closely associated with production operations.

Nonsupervisory Workers.—Includes employees (not above working supervisory level) such as office and clerical workers, repairers, salespersons, operators, drivers, attendants, service employees, line installers, laborers, accountants, janitors, guards, and other employees whose services are closely associated with those of occupations listed.

Payroll.—Represents payroll for full- and part-time production, construction, or nonsupervisory workers who received pay for any part of pay periods which include 12th of month. Payroll is reported before deductions for social security, group insurance, withholding tax, bonds, and union dues; also includes pay for overtime, holidays, vacations, and sick leave paid directly by the firm. Bonuses (unless earned and paid regularly each pay period), tips, pay not earned in pay period reported (such as retroactive pay), and value of free rent, fuel, meals, or other payments in kind, excluded.

Hours.—Represents hours worked or paid for, during pay periods which include 12th of month, for production, construction, or nonsupervisory workers. Hours include time paid for holidays and vacations, and for sick leave when pay received directly from firm.

Labor Market Information Division
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Ohio Labor Market Information
BUREAU OF EMPLOYMENT SERVICES
JOB SERVICE OF OHIO

RICHARD F. CELESTE, *Governor*
DR. ROBERTA STEINBACHER, *Administrator*

EMPLOYMENT, HOURS, AND EARNINGS IN OHIO
NOVEMBER 1983

Summary: Unemployment in Ohio totaled 566,000 in November, representing 11.0 percent of the civilian labor force--up slightly from the 550,000 (10.6 percent) for October. Total employment slipped .6 percent, to 4,598,000. Recalls of factory workers and seasonal gains in retailing boosted nonfarm payroll employment to 4,188,000.

Factory Employment: Manufacturing employment in Ohio advanced .5 percent from October, to 1,120,000 in November. More orders led to gains in the production of steel castings and basic steel products. Producers of motor vehicles and stamped-metal auto parts also reported stepped-up production at several facilities in November. Employment in nonelectrical machinery was up due to recalls in the production of refrigeration equipment and a dispute settlement in metalworking machinery. Employment in food processing dipped due to seasonal declines in vegetable canning.

Nonmanufacturing Employment: Employment in Ohio's nonmanufacturing industries totaled 3,068,000 in November, fractionally above the previous month. Retailing rose seasonally as merchants began preparations for their year-end business rush. Government increased as several public schools added nonfaculty personnel. Gains were moderated, however, by seasonal downturns in construction and outdoor amusements, and by a sizable labor dispute in the passenger transportation industry.

Factory Earnings: Average weekly earnings of Ohio's factory production workers rose $7 from October, to a record $457.30 in November. The average workweek, at 42.5 hours, was longer by half an hour. More overtime boosted earnings in the production of electrical industrial apparatus, aircraft components, and iron and steel castings. Producers of fabricated metal products--notably, metal fasteners and plumbing and heating supplies--also reported stepped-up overtime. Higher earnings in the production of baked goods were attributable to wage-rate increases. Producers of communication equipment, nonferrous castings, and construction machinery, on the other hand, reported overtime curtailments.

Over the year: Unemployment in Ohio dropped by nearly 150,000 between November 1982 and November 1983, lowering the jobless rate by three full percentage points (14.0 to 11.0 percent). Total employment increased 5.0 percent during this period as nonfarm payrolls advanced 1.6 percent. Manufacturing accounted for about 95 percent of the increase, as employment in motor vehicle production rose by nearly one-third over the year. Nonmanufacturing remained on par with its 1982 level as gains in services, finance, and government offset losses elsewhere. Factory production workers averaged $48 more per week than in November 1982 as their average workweek was extended by 2.3 hours.

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EMPLOYMENT, HOURS, AND EARNINGS IN MAJOR METROPOLITAN AREAS

Akron.--Nonagricultural wage and salary employment in Akron, at 256,000 in November, was up 1,000 from October. Pre-holiday increases in retail stores boosted nonmanufacturing. Factory employment rose 400, to 68,500. The workweek and gross earnings for manufacturing production workers, at 43.5 hours and $10.85 per hour in November, were .3 hours and 3¢ above October averages.

Canton.--Nonfarm wage and salary employment in Canton rose 600 from October, to 150,700 in November. Recalls of workers in primary metals boosted factory employment to 46,700, up 500 from October. In nonmanufacturing, seasonal hiring among retail establishments was moderated by shrinkage in construction industries. Average earnings of manufacturing production workers, at $10.84 per hour, were 6¢ above October. The average workweek--40.7 hours--was .5 hours longer.

Cincinnati.--Employment in Cincinnati nonfarm industries totaled 583,500 in November, up 2,100 from October. Nonmanufacturing accounted for three-fourths of the gain, due to seasonal growth in retail trade and school and college employment. Scattered increases lifted manufacturing 500, to 149,300 for the month. Factory production workers averaged 41.8 hours per week in November, up half an hour from October. Their hourly earnings, at $10.34, were up 11¢ per hour.

Cleveland.--Nonagricultural wage and salary employment in Cleveland, at 838,300 in November, was 900 above October. Factory employment advanced 1,000, to 216,600, with gains scattered mainly among durable-goods industries. Nonmanufacturing slipped slightly, as seasonal increases in public schools and retailing were offset by declines in services and construction and by a labor-management dispute in transportation. Hourly earnings and weekly hours of factory production workers--$10.61 and 41.9 hours--were 6¢ and .4 hours above October averages.

Columbus.--Employment in Columbus nonfarm industries rose 1,100 from October, to 514,100 in November. Increases in durable goods were moderated by losses in nondurable goods, for a slight net gain in manufacturing, to 90,500. In nonmanufacturing, seasonal hiring in retail trade was moderated by declines in construction and services. Manufacturing production workers grossed $10.13 per hour--up slightly from October--for a workweek of 41.6 hours, up .6 hours for the month.

Dayton.--Employment in the Dayton area's nonfarm industries rose 1,500 from October, to 343,400 in November. Two-thirds of the increase occurred in manufacturing--up 1,000 to 90,200 for the month. In nonmanufacturing, seasonal growth in retail trade was partially offset by decreases in services and construction, also seasonal. The workweek of factory production workers, at 42.9 hours, was slightly longer, while their hourly earnings, at $10.91, were 5¢ per hour higher.

Toledo.--November wage and salary employment in Toledo nonagricultural industries, at 292,500, was 900 above October. Most of the increase was in manufacturing industries, particularly among durable-goods producers. Nonmanufacturing gained slightly, as seasonal increases in retail trade were tempered by seasonal shrinkage in services and construction. Production workers in factories grossed $11.54 per hour for a workweek of 44.5 hours, compared with $11.43 and 43.9 hours in October.

Youngstown-Warren.--Payroll employment in Youngstown-Warren nonagricultural industries, at 185,900 in November, was 600 above October. Most of the increase occurred in nonmanufacturing, due to gains among schools and college. Manufacturing employment rose fractionally, to 56,300. Production workers in factories averaged $12.51 per hour, down 7¢ from October. Their average workweek slipped slightly to 43.7 hours.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 12-16-83

EMPLOYMENT IN MAJOR METROPOLITAN AREAS[a]

Year and Month	Akron[b]	Canton[c]	Cincinnati[d]	Cleveland[e]	Columbus[f]	Dayton[g]	Toledo[h]	Youngstown-Warren[j]
NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT (in thousands)								
1972	248.1	139.8	512.0	838.0	431.6	325.5	272.4	201.1
1973	255.1	147.9	534.5	865.2	451.0	335.6	285.8	211.6
1974	259.0	152.1	542.2	879.2	457.6	334.9	285.6	213.5
1975	248.4	145.0	531.2	850.6	445.4	321.4	275.5	200.7
1976	247.3	145.9	541.9	860.0	456.1	331.5	282.6	203.5
1977	259.3	149.8	562.1	880.9	471.6	343.1	292.1	208.0
1978	266.6	156.1	591.2	905.8	493.8	358.5	302.1	210.3
1979	270.9	160.7	607.4	919.8	507.3	364.9	306.0	213.9
1980	262.4	157.1	600.6	895.6	509.8	355.7	293.1	203.1
1981	259.6	156.6	592.2	880.7	506.6	352.5	290.9	198.7
1982	250.8	149.7	575.5	847.5	497.9	337.0	282.2	182.2
1982								
November.	251.7	147.9	576.9	840.5	503.8	335.7	284.6	177.3
December.	250.4	147.3	574.8	837.3	504.0	336.4	282.8	177.8
1983								
January .	243.4	144.5	561.1	815.6	491.5	330.3	277.4	175.6
February.	245.9	144.6	558.8	816.5	492.0	330.6	275.8	176.2
March ...	247.0	145.0	561.7	820.8	494.2	332.3	274.4	179.5
April ...	248.9	146.6	570.4	825.8	497.9	334.0	279.8	181.0
May	251.5	148.1	574.4	831.3	501.4	335.6	284.4	183.5
June	247.5	149.0	576.4	840.2	504.2	337.0	283.1	183.2
July	250.2	148.7	570.7	834.5	498.5	330.8	279.5	182.8
August ..	249.1	148.0	569.6	827.4	496.8	330.8	279.5	181.3
September	256.1	150.3	578.2	836.6	505.2	340.3	289.4	186.3
October .	255.0	150.0	581.5	837.5	513.2	341.9	291.7	185.3
November.	256.0	150.7	583.5	838.3	514.1	343.4	292.5	185.9
MANUFACTURING EMPLOYMENT (in thousands)								
1972	91.3	57.4	155.9	273.9	100.8	114.3	88.8	87.9
1973	94.0	61.7	165.5	288.1	106.0	117.7	93.4	93.0
1974	94.2	62.2	166.6	287.1	104.3	113.1	89.8	92.0
1975	84.5	55.3	153.9	260.3	93.1	100.1	80.7	80.8
1976	80.3	54.8	155.6	265.1	94.2	104.0	84.8	80.6
1977	85.6	56.0	161.1	270.8	98.9	109.2	88.2	81.1
1978	85.9	57.1	169.2	275.6	101.2	112.0	90.5	79.4
1979	85.6	59.1	173.1	276.3	101.1	109.5	88.6	79.9
1980	79.1	55.7	162.4	254.9	96.8	99.4	75.4	70.8
1981	75.7	54.8	157.3	246.8	93.1	97.8	74.6	67.3
1982	68.8	48.2	147.2	224.1	86.7	87.9	68.8	53.4
1982								
November.	66.5	45.2	147.0	213.7	85.7	82.9	66.8	47.6
December.	65.3	44.7	145.0	210.3	84.6	83.4	65.4	48.6
1983								
January .	66.2	45.0	143.8	210.3	84.7	84.0	66.4	50.0
February.	67.1	45.3	142.6	210.5	85.8	84.7	65.5	50.9
March ...	67.0	45.2	142.7	210.7	85.9	85.1	62.7	53.7
April ...	67.3	45.3	143.8	210.8	86.6	85.8	66.2	54.3
May	67.2	45.7	143.6	211.4	86.9	86.2	68.3	54.8
June	67.0	46.4	145.0	212.4	87.2	86.5	69.4	54.3
July	67.6	46.4	144.5	210.8	87.2	85.7	69.4	55.0
August ..	67.7	46.1	146.4	211.1	88.0	86.6	70.5	54.3
September	68.0	46.6	145.9	214.6	89.0	89.1	73.3	56.4
October .	68.1	46.2	148.8	215.6	90.4	89.2	73.7	56.2
November.	68.5	46.7	149.3	216.6	90.5	90.2	74.4	56.3

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. [b] Akron includes Portage and Summit Counties. [c] Canton includes Carroll and Stark Counties. [d] Cincinnati includes Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. [e] Cleveland includes Cuyahoga, Geauga, Lake, and Medina Counties. [f] Columbus includes Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. [g] Dayton includes Greene, Miami, Montgomery, and Preble Counties. [h] Toledo includes Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. [j] Youngstown-Warren includes Mahoning and Trumbull Counties.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

MANUFACTURING PRODUCTION WORKERS AND AVERAGE WEEKLY HOURS IN MAJOR METROPOLITAN AREAS[a]

Year and Month	Akron[b]	Canton[c]	Cincinnati[d]	Cleveland[e]	Columbus[f]	Dayton[g]	Toledo[h]	Youngstown-Warren[j]
	MANUFACTURING PRODUCTION WORKERS (in thousands)							
1972	53.5	42.2	110.7	188.7	71.0	83.4	63.8	70.2
1973	55.5	46.3	115.2	200.4	74.1	85.0	66.5	75.6
1974	56.1	46.9	115.3	199.5	71.2	79.5	63.1	74.2
1975	48.4	40.5	106.3	176.0	64.2	70.9	55.1	63.3
1976	44.5	40.4	107.8	180.9	65.4	73.4	59.3	63.3
1977	49.2	41.1	110.7	184.0	68.6	75.7	62.8	63.6
1978	49.4	42.2	116.4	188.0	70.1	77.5	64.1	62.5
1979	53.8	43.2	117.0	188.6	69.1	74.4	61.7	62.5
1980	47.5	40.1	106.6	169.2	64.6	65.5	49.6	54.1
1981	43.7	39.6	103.5	161.8	61.3	64.4	49.2	50.8
1982	37.2	33.7	96.1	142.5	55.6	55.8	45.1	38.5
1982								
November.	35.3	31.4	96.5	135.0	54.3	51.4	43.8	33.5
December.	34.5	30.8	94.5	132.1	53.4	52.1	42.5	34.3
1983								
January .	35.4	31.2	93.3	132.0	53.6	52.6	43.5	35.6
February.	36.2	31.5	92.2	132.4	54.6	53.3	42.7	36.4
March ...	36.2	31.6	92.4	132.7	54.7	53.7	40.0	39.0
April ...	36.7	31.6	93.3	133.2	55.4	54.4	43.5	39.6
May	36.7	32.0	93.1	134.2	55.7	54.8	45.5	40.1
June	36.4	32.7	94.1	135.2	56.1	55.1	46.5	40.0
July	36.9	32.7	93.8	133.3	56.0	54.0	46.4	40.6
August ..	37.2	32.5	95.7	134.1	56.7	54.7	47.6	39.7
September	37.5	33.0	95.3	137.8	57.6	57.3	50.1	42.0
October .	37.7	32.6	98.1	138.8	58.9	57.7	50.7	41.8
November.	38.1	33.1	98.9	139.9	58.9	58.6	51.4	41.9
	MANUFACTURING PRODUCTION WORKERS' AVERAGE WEEKLY HOURS							
1972	42.1	40.6	41.9	42.3	40.4	42.5	42.0	41.2
1973	43.0	41.0	42.2	43.2	40.8	43.3	43.1	42.9
1974	42.3	40.1	41.4	42.1	39.7	41.0	41.2	40.7
1975	41.1	39.4	40.8	40.4	39.6	41.3	40.4	38.6
1976	42.1	39.6	41.1	41.9	40.1	43.2	41.5	39.5
1977	42.3	39.7	41.6	42.8	40.3	43.5	42.7	40.4
1978	42.3	40.3	42.1	42.9	40.4	42.8	42.4	41.4
1979	41.6	40.9	41.5	42.2	40.1	42.1	40.9	40.7
1980	41.5	39.0	41.2	40.6	39.5	41.5	40.6	39.9
1981	41.8	40.0	41.1	41.1	40.0	41.4	40.9	40.8
1982	41.0	38.6	40.5	39.9	39.8	40.0	41.1	39.3
1982								
November.	41.2	38.3	41.4	39.2	40.3	39.2	41.3	39.6
December.	41.6	39.1	41.5	39.9	40.5	40.3	41.1	40.3
1983								
January .	42.5	38.7	40.4	39.8	39.9	40.0	41.5	40.1
February.	42.5	38.6	40.4	39.8	40.0	40.2	41.6	40.6
March ...	43.3	39.1	40.8	40.1	40.4	40.8	42.0	41.1
April ...	42.5	39.5	40.8	40.4	40.2	41.1	42.5	41.3
May	42.6	38.9	40.8	40.6	40.3	41.1	42.7	42.4
June	42.3	39.8	41.3	41.3	40.8	42.0	42.2	41.4
July	42.4	38.8	40.9	40.6	40.5	42.1	41.9	42.7
August ..	42.9	39.2	40.8	41.0	40.5	42.1	42.6	41.3
September	43.5	40.8	41.3	41.7	40.8	43.0	43.9	42.4
October .	43.2	40.2	41.3	41.5	41.0	42.7	43.9	43.9
November.	43.5	40.7	41.8	41.9	41.6	42.9	44.5	43.7

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. [b] Akron includes Portage and Summit Counties. [c] Canton includes Carroll and Stark Counties. [d] Cincinnati includes Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. [e] Cleveland includes Cuyahoga, Geauga, Lake, and Medina Counties. [f] Columbus includes Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. [g] Dayton includes Greene, Miami, Montgomery, and Preble Counties. [h] Toledo includes Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. [j] Youngstown-Warren includes Mahoning and Trumbull Counties. [k] Not comparable to prior data due to change in sample composition.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

EARNINGS IN MAJOR METROPOLITAN AREAS[a]

Year and Month	Akron[b]	Canton[c]	Cincinnati[d]	Cleveland[e]	Columbus[f]	Dayton[g]	Toledo[h]	Youngstown-Warren[j]
	MANUFACTURING PRODUCTION WORKERS' AVERAGE HOURLY EARNINGS							
1972	$ 4.68	$ 4.48	$ 4.15	$ 4.50	$ 4.06	$ 4.74	$ 4.67	$ 4.88
1973	4.99	4.80	4.44	4.83	4.36	5.00	5.01	5.29
1974	5.28	5.24	4.82	5.21	4.73	5.29	5.39	5.80
1975	5.66	5.64	5.19	5.63	5.18	5.73	5.80	6.39
1976	6.02	6.18	5.65	6.22	5.64	6.28	6.32	7.02
1977	6.75	6.88	6.27	6.84	6.08	6.92	7.00	7.76
1978	7.19	7.56	6.81	7.50	6.55	7.38	7.53	8.54
1979	7.73	8.09	7.31	8.00	7.05	8.00	8.14	9.27
1980	8.72	8.79	8.06	8.63	7.73	8.65	8.90	10.27
1981	9.50	9.76	8.78	9.62	8.67	9.61	9.93	11.62
1982	9.83	10.22	9.57	10.10	9.31	10.02	10.89	11.72
1982								
November.	9.95	10.44	9.78	10.19	9.50	9.89	11.01	11.65
December.	10.06	10.52	9.84	10.26	9.57	10.05	11.00	12.01
1983								
January .	10.21	10.56	9.85	10.29	9.62	10.16	11.10	12.00
February.	10.21	10.62	9.93	10.28	9.70	10.23	11.12	12.22
March ...	10.34	10.41	10.01	10.25	9.76	10.31	10.99	12.21
April ...	10.24	10.39	10.06	10.31	9.87	10.35	11.14	12.22
May	10.35	10.53	10.10	10.42	9.90	10.47	11.29	12.45
June	10.34	10.63	10.11	10.49	10.01	10.56	11.14	12.33
July	10.35	10.59	10.12	10.43	10.04	10.72	11.16	12.54
August ..	10.40	10.75	10.18	10.42	9.95	10.58	11.25	12.25
September	10.61	10.84	10.10	10.57	10.06	10.80	11.40	12.40
October .	10.82	10.78	10.23	10.55	10.11	10.86	11.43	12.58
November.	10.85	10.84	10.34	10.61	10.13	10.91	11.54	12.51
	MANUFACTURING PRODUCTION WORKERS' AVERAGE WEEKLY EARNINGS							
1972	$197.03	$181.89	$173.89	$190.35	$164.02	$201.45	$196.14	$201.06
1973	214.57	196.80	187.37	208.66	177.89	216.50	215.93	226.94
1974	223.34	210.12	199.55	219.34	187.78	216.89	222.07	236.06
1975	232.63	222.22	211.75	227.45	205.13	236.65	234.32	246.65
1976	253.44	244.73	232.22	260.62	226.16	271.30	262.28	277.29
1977	285.53	273.14	260.83	292.75	245.02	301.02	298.90	313.50
1978	304.14	304.67	286.70	321.75	264.62	315.86	319.27	353.56
1979	321.57	330.88	303.37	337.60	282.71	336.80	332.93	377.29
1980	361.88	342.81	332.07	350.38	305.34	358.98	361.34	409.77
1981	397.10	390.40	360.86	395.38	346.80	397.85	406.14	474.10
1982	403.03	394.49	387.59	402.99	370.54	400.80	447.58	460.60
1982								
November.	409.94	399.85	404.89	399.45	382.85	387.69	454.71	461.34
December.	418.50	411.33	408.36	409.37	387.59	405.02	452.10	484.00
1983								
January .	433.93	408.67	397.94	409.54	383.84	406.40	460.65	481.20
February.	433.93	409.93	401.17	409.14	388.00	411.25	462.59	496.13
March ...	447.72	407.03	408.41	411.03	394.30	420.65	461.58	501.83
April ...	435.20	410.41	410.45	416.52	396.77	425.39	473.45	504.69
May	440.91	409.62	412.08	423.05	398.97	430.32	482.08	527.88
June	437.38	423.07	417.54	433.24	408.41	443.52	470.11	510.46
July	438.84	410.89	413.91	423.46	406.62	451.31	467.60	535.46
August ..	446.16	421.40	415.34	427.22	402.98	445.42	479.25	505.93
September	461.54	442.27	417.13	440.77	410.45	464.40	500.46	525.76
October .	467.42	433.36	422.50	437.83	414.51	463.72	501.78	552.26
November.	471.98	441.19	432.21	444.56	421.41	468.04	513.53	546.69

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. [b] Akron includes Portage and Summit Counties. [c] Canton includes Carroll and Stark Counties. [d] Cincinnati includes Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. [e] Cleveland includes Cuyahoga, Geauga, Lake, and Medina Counties. [f] Columbus includes Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. [g] Dayton includes Greene, Miami, Montgomery, and Preble Counties. [h] Toledo includes Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. [j] Youngstown-Warren includes Mahoning and Trumbull Counties.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

CIVILIAN LABOR FORCE ESTIMATES FOR MAJOR METROPOLITAN AREAS[a]
(In thousands)

Year and Month	Civilian Labor Force	Total Employed	Unemployed		Year and Month	Civilian Labor Force	Total Employed	Unemployed	
			Total Unemployed	Unemployment Rate				Total Unemployed	Unemployment Rate
AKRON[b]					CANTON[c]				
1972	282.2	267.3	14.8	5.3	1972	165.6	155.3	10.3	6.2
1973	287.1	274.9	12.2	4.3	1973	171.2	163.1	8.1	4.7
1974	290.8	277.7	13.0	4.5	1974	175.6	167.5	8.1	4.6
1975	292.0	264.3	27.7	9.5	1975	174.7	158.0	16.7	9.6
1976	291.3	266.3	25.0	8.6	1976	174.4	158.6	15.8	9.1
1977	294.2	274.7	19.5	6.6	1977	175.9	163.1	12.9	7.3
1978	298.9	282.2	16.7	5.6	1978	179.9	170.0	9.9	5.5
1979	303.8	285.4	18.4	6.1	1979	184.3	173.7	10.6	5.7
1980	304.5	278.3	26.2	8.6	1980	187.7	170.9	16.8	8.9
1981	304.1	274.9	29.1	9.6	1981	188.4	170.1	18.2	9.7
1982	305.8	269.4	36.4	11.9	1982	192.5	165.1	27.4	14.3
1982					1982				
October	309.3	271.0	38.3	12.4	October ..	195.8	163.9	31.8	16.3
November ...	304.7	264.7	39.9	13.1	November .	192.9	160.0	32.9	17.1
December ...	304.5	262.9	41.6	13.7	December .	191.0	159.0	32.0	16.8
1983					1983				
January	296.9	252.3	44.6	15.0	January ..	187.4	153.9	33.5	17.9
February ...	297.1	254.7	42.5	14.3	February .	186.5	154.0	32.5	17.4
March	301.8	261.4	40.4	13.4	March	189.0	157.9	31.1	16.5
April	306.7	267.5	39.2	12.8	April	191.6	161.7	29.9	15.6
May	311.6	271.5	40.1	12.9	May	194.6	164.2	30.3	15.6
June	311.8	272.9	38.9	12.5	June	196.7	167.9	28.8	14.6
July	319.1	285.2	33.9	10.6	July	198.0	173.7	24.3	12.3
August	315.2	282.9	32.3	10.2	August ...	196.2	172.1	24.1	12.3
September ..	311.8	277.9	33.9	10.9	September.	192.0	167.6	24.4	12.7
October[p] ...	314.9	280.9	34.0	10.8	October[p] .	194.4	169.7	24.7	12.7
CINCINNATI[d]					CLEVELAND[e]				
1972	561.0	529.0	32.0	5.7	1972	873.2	825.2	48.0	5.5
1973	572.0	543.0	29.0	5.1	1973	883.9	849.0	34.9	3.9
1974	595.3	569.8	25.5	4.3	1974	899.1	861.4	37.7	4.2
1975	595.3	551.6	43.6	7.3	1975	896.9	826.3	70.6	7.9
1976	604.8	566.6	38.2	6.3	1976	897.7	834.4	63.3	7.0
1977	623.4	588.7	34.7	5.6	1977	908.5	854.4	54.0	5.9
1978	648.3	615.8	32.5	5.0	1978	921.7	878.5	43.2	4.7
1979	663.4	628.1	35.3	5.3	1979	935.8	889.1	46.7	5.0
1980	676.2	628.6	47.5	7.0	1980	937.1	869.1	68.0	7.3
1981	678.5	619.3	59.1	8.7	1981	933.9	854.0	79.8	8.5
1982	682.0	610.4	71.6	10.5	1982	933.7	833.8	100.0	10.7
1982					1982				
October	690.0	614.8	75.2	10.9	October ..	939.9	829.2	110.7	11.8
November ...	677.5	602.5	75.0	11.1	November .	926.6	811.3	115.3	12.4
December ...	673.3	598.8	74.5	11.1	December .	921.5	807.1	114.3	12.4
1983					1983				
January	661.5	580.1	81.3	12.3	January ..	895.2	776.5	118.7	13.3
February ...	655.9	577.2	78.7	12.0	February .	893.4	776.7	116.7	13.1
March	667.8	590.2	77.6	11.6	March	913.3	797.9	115.5	12.6
April	674.9	604.1	70.8	10.5	April	923.2	813.0	110.2	11.9
May	683.3	609.9	73.4	10.7	May	935.7	821.5	114.1	12.2
June	694.4	620.1	74.3	10.7	June	961.0	843.8	117.3	12.2
July	697.9	632.7	65.2	9.3	July	968.7	869.0	99.7	10.3
August	693.0	629.8	63.2	9.1	August ...	959.1	860.8	98.3	10.3
September ..	683.3	616.6	66.7	9.8	September.	931.8	832.1	99.8	10.7
October[p] ...	690.0	627.6	62.4	9.0	October[p] .	940.8	843.8	97.0	10.3

[a] Estimated in cooperation with U.S. Department of Labor. Data not seasonally adjusted. Subtotals may not add to totals due to rounding. Rates computed from unrounded figures. [b] Defined as Portage and Summit Counties. [c] Defined as Carroll and Stark Counties. [d] Defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; and Boone, Campbell, and Kenton Counties, Kentucky. [e] Defined as Cuyahoga, Geauga, Lake, and Medina Counties. [p] Preliminary.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

CIVILIAN LABOR FORCE ESTIMATES FOR MAJOR METROPOLITAN AREAS[a]
(In thousands)

Year and Month	Civilian Labor Force	Total Employed	Unemployed		Year and Month	Civilian Labor Force	Total Employed	Unemployed	
			Total Unemployed	Unemployment Rate				Total Unemployed	Unemployment Rate
COLUMBUS[f]					DAYTON[g]				
1972	469.1	450.2	18.9	4.0	1972	353.5	336.2	17.3	4.9
1973	485.5	468.3	17.1	3.5	1973	358.0	343.5	14.5	4.1
1974	495.4	475.5	19.9	4.0	1974	359.5	342.5	17.0	4.7
1975	495.0	458.6	36.5	7.4	1975	357.6	327.7	29.9	8.4
1976	503.6	468.5	35.1	7.0	1976	360.5	336.3	24.2	6.7
1977	513.4	483.3	30.1	5.9	1977	368.6	348.3	20.3	5.5
1978	531.4	506.5	24.9	4.7	1978	381.1	363.7	17.3	4.6
1979	543.0	517.1	25.8	4.8	1979	392.2	367.9	24.2	6.2
1980	554.7	523.4	31.4	5.7	1980	390.2	361.0	29.2	7.5
1981	562.4	519.1	43.3	7.7	1981	390.8	357.9	32.8	8.4
1982	568.8	518.0	50.8	8.9	1982	391.1	347.0	44.2	11.3
1982					1982				
October	574.9	523.8	51.2	8.9	October ..	393.4	348.3	45.2	11.5
November ...	567.1	513.4	53.6	9.5	November .	386.5	338.7	47.8	12.4
December ...	564.0	512.3	51.8	9.2	December .	385.3	338.5	46.8	12.1
1983					1983				
January	548.2	492.8	55.4	10.1	January ..	375.8	327.8	47.9	12.8
February ...	547.5	493.6	53.9	9.9	February .	374.6	328.3	46.3	12.4
March	561.1	507.3	53.8	9.6	March	381.7	337.5	44.2	11.6
April	570.5	517.7	52.8	9.3	April	386.2	343.8	42.3	11.0
May	577.9	524.0	53.9	9.3	May	388.9	347.4	41.5	10.7
June	592.9	535.7	57.2	9.7	June	398.8	354.5	44.3	11.1
July	600.6	549.7	50.9	8.5	July	399.1	361.6	37.6	9.4
August	593.7	546.3	47.4	8.0	August ...	396.3	359.1	37.2	9.4
September ..	581.0	531.8	49.2	8.5	September.	390.4	354.5	35.9	9.2
October[p] ...	597.0	547.6	49.4	8.3	October[p] .	395.4	360.6	34.8	8.8
TOLEDO[h]					YOUNGSTOWN-WARREN[i]				
1972	329.4	311.3	18.1	5.5	1972	226.9	212.1	14.8	6.5
1973	339.8	324.2	15.6	4.6	1973	232.5	221.8	10.8	4.6
1974	343.8	324.2	19.7	5.7	1974	236.7	223.7	13.0	5.5
1975	344.8	310.2	34.6	10.0	1975	236.7	209.8	26.9	11.4
1976	347.8	319.4	28.4	8.2	1976	234.2	210.5	23.7	10.1
1977	355.0	329.4	25.6	7.2	1977	234.0	215.0	19.0	8.1
1978	362.1	339.7	22.4	6.2	1978	235.2	217.5	17.7	7.5
1979	368.2	341.7	26.4	7.2	1979	237.1	219.9	17.1	7.2
1980	368.2	329.8	38.4	10.4	1980	238.9	210.5	28.4	11.9
1981	367.4	328.0	39.4	10.7	1981	234.0	205.7	28.2	12.1
1982	368.7	322.7	46.1	12.5	1982	237.7	191.5	46.2	19.4
1982					1982				
October	374.3	326.6	47.7	12.8	October ..	239.2	190.6	48.5	20.3
November ...	367.5	318.9	48.6	13.2	November .	237.7	183.0	54.7	23.0
December ...	368.8	316.2	52.6	14.3	December .	234.2	183.1	51.1	21.8
1983					1983				
January	359.5	307.3	52.2	14.5	January ..	226.6	178.1	48.4	21.4
February ...	360.3	306.6	53.7	14.9	February .	223.8	178.7	45.1	20.1
March	366.0	311.0	55.0	15.0	March	227.9	186.2	41.7	18.3
April	368.7	320.7	47.9	13.0	April	229.9	190.3	39.5	17.2
May	379.0	328.3	50.7	13.4	May	234.3	193.8	40.5	17.3
June	381.1	332.5	48.6	12.8	June	237.1	196.8	40.4	17.0
July	383.8	339.3	44.5	11.6	July	237.7	203.6	34.1	14.3
August	381.5	337.3	44.2	11.6	August ...	237.4	200.9	36.5	15.4
September ..	377.7	334.7	43.0	11.4	September.	231.9	198.1	33.7	14.5
October[p] ...	382.2	340.6	41.6	10.9	October[p] .	232.5	200.7	31.8	13.7

[a] Estimated in cooperation with U.S. Department of Labor. Data not seasonally adjusted. Subtotals may not add to totals due to rounding. Rates computed from unrounded figures. [f] Defined as Delaware, Fairfield, Franklin, Madison and Pickaway Counties. [g] Defined as Greene, Miami, Montgomery, and Preble Counties. [h] Defined as Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. [i] Defined as Mahoning and Trumbull Counties. [p] Preliminary.

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Columbus 43216

CIVILIAN LABOR FORCE ESTIMATES[*]
(not seasonally adjusted)

Year and Month	OHIO (in thousands)			Unemployment Rate	
	Civilian Labor Force	Total Employed	Total Unemployed	OHIO	U.S.
1972	4,510	4,261	249	5.5	5.6
1973	4,621	4,423	198	4.3	4.9
1974	4,708	4,483	225	4.8	5.6
1975	4,721	4,292	429	9.1	8.5
1976	4,749	4,378	370	7.8	7.7
1977	4,830	4,518	312	6.5	7.1
1978	4,956	4,688	268	5.4	6.1
1979	5,056	4,758	298	5.9	5.8
1980	5,087	4,660	426	8.4	7.1
1981	5,099	4,607	492	9.6	7.6
1982	5,122	4,481	640	12.5	9.7
1982					
November.	5,088	4,378	710	14.0	10.4
December.	5,058	4,344	714	14.1	10.5
1983					
January .	4,942	4,204	738	14.9	11.4
February.	4,925	4,212	713	14.5	11.3
March ...	5,027	4,339	688	13.7	10.8
April ...	5,088	4,435	653	12.8	10.0
May	5,166	4,502	664	12.9	9.8
June	5,267	4,595	672	12.8	10.2
July	5,302	4,723	579	10.9	9.4
August ..	5,244	4,679	565	10.8	9.2
September	5,123	4,555	568	11.1	8.8
October .	5,176	4,626	550	10.6	8.4
November.	5,164	4,598	566	11.0	8.1

OHIO NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT[*]
(in thousands)

Year and Month	Total Nonagricultural	Manufacturing	Nonmanufacturing
1972	3,938.3	1,346.8	2,591.5
1973	4,112.9	1,426.3	2,686.5
1974	4,169.4	1,416.6	2,752.8
1975	4,016.2	1,267.5	2,748.7
1976	4,094.5	1,295.3	2,799.3
1977	4,230.1	1,344.1	2,885.9
1978	4,394.8	1,377.2	3,017.6
1979	4,484.7	1,382.3	3,102.5
1980	4,367.4	1,264.3	3,103.0
1981	4,317.6	1,232.6	3,085.1
1982	4,138.7	1,103.6	3,035.1
1982			
November.	4,121.4	1,056.9	3,064.5
December.	4,102.5	1,043.9	3,058.6
1983			
January .	4,012.3	1,051.7	2,960.6
February.	4,015.0	1,056.2	2,958.8
March ...	4,036.2	1,059.4	2,976.8
April ...	4,076.0	1,069.4	3,006.6
May	4,114.2	1,074.8	3,039.4
June	4,127.4	1,078.7	3,048.7
July	4,092.8	1,076.7	3,016.1
August ..	4,085.6	1,089.3	2,996.3
September	4,167.2	1,109.0	3,058.2
October .	4,180.3	1,114.0	3,066.3
November.	4,187.6	1,119.9	3,067.8

OHIO NONMANUFACTURING WAGE AND SALARY EMPLOYMENT[*] (in thousands)

Year and Month	Mining	Construction	Transportation and Utilities	Wholesale Trade	Retail Trade	Finance, Insurance, Real Estate	Services	Government
1972	22.7	165.1	222.9	189.6	626.7	163.8	611.7	589.1
1973	22.9	175.5	224.9	197.7	654.9	169.0	643.9	597.8
1974	24.2	172.3	227.8	205.7	668.1	171.9	669.7	613.1
1975	26.8	154.9	213.2	203.5	664.5	173.1	686.3	626.4
1976	28.2	154.2	213.7	208.4	682.4	177.0	703.2	632.2
1977	29.1	162.8	219.1	214.6	703.1	183.4	731.4	642.3
1978	29.0	176.6	225.0	226.0	730.4	191.1	772.1	667.5
1979	31.6	182.9	232.1	232.8	742.4	200.6	806.2	674.0
1980	30.7	167.4	223.1	230.6	726.6	203.8	830.9	689.9
1981	30.7	153.7	217.2	232.5	717.7	205.8	851.5	676.0
1982	30.7	135.5	207.6	229.3	707.3	206.4	859.7	658.6
1982								
November.	30.3	142.2	204.6	229.0	718.4	206.8	865.8	667.3
December.	29.0	129.5	203.6	229.0	730.4	207.3	861.7	668.2
1983								
January .	28.6	112.8	195.5	226.3	687.3	205.8	847.0	657.3
February.	28.1	108.8	194.7	225.3	675.0	205.5	853.5	668.0
March ...	27.3	112.7	195.0	226.1	680.4	205.8	859.6	669.9
April ...	27.2	118.8	196.0	226.9	692.0	206.7	872.5	666.6
May	27.6	126.6	197.7	227.3	702.6	207.5	880.2	669.9
June	29.3	133.0	198.9	228.2	706.4	209.7	889.3	653.8
July	29.9	138.0	199.0	228.0	703.2	210.7	884.3	623.1
August ..	29.8	139.4	182.9	227.9	705.7	210.7	883.9	615.8
September	30.0	141.7	198.5	227.8	708.2	210.3	892.1	649.7
October .	29.9	142.1	198.4	228.2	703.1	210.0	888.9	665.7
November.	29.7	138.2	196.9	227.6	711.1	210.0	884.2	670.0

[*] Estimated in cooperation with U.S. Department of Labor. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates and averages computed from unrounded figures. All data exclude military personnel.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

EMPLOYMENT, HOURS, AND EARNINGS IN MANUFACTURING IN OHIO[a]

Year and Month	Manufacturing Employment (in thousands)			Production Workers in Manufacturing		
	All Manufacturing	Durable Goods	Nondurable Goods	Production Workers (in thousands)	Aggregate Weekly Payroll (in millions)	Aggregate Weekly Hours (in millions)
1972	1,346.8	948.8	398.0	979.2	$181.3	40.7
1973	1,426.3	1,018.2	408.1	1,046.7	210.8	44.3
1974	1,416.6	1,013.1	403.5	1,028.7	217.4	42.4
1975	1,267.5	892.4	375.1	897.8	201.5	36.2
1976	1,295.3	910.6	384.6	926.1	233.9	38.2
1977	1,344.1	945.2	398.9	958.0	271.2	40.2
1978	1,377.2	974.5	402.7	985.5	302.5	41.5
1979	1,382.3	980.5	401.8	979.0	318.5	40.6
1980	1,264.3	882.6	381.8	867.8	301.9	35.2
1981	1,232.6	860.4	372.2	847.7	330.4	34.7
1982	1,103.6	755.4	348.3	738.1	298.0	29.6
1982						
November.	1,056.9	713.1	343.8	698.2	285.5	28.1
December.	1,043.9	701.7	342.2	687.1	286.7	28.0
1983						
January .	1,051.7	712.5	339.2	695.0	288.5	28.0
February.	1,056.2	715.7	340.5	700.2	293.6	28.3
March ...	1,059.4	719.1	340.3	703.7	298.6	28.7
April ...	1,069.4	728.0	341.5	713.7	306.8	29.3
May	1,074.8	733.1	341.7	719.6	310.8	29.6
June	1,078.7	734.6	344.1	723.6	316.8	30.0
July	1,076.7	732.9	343.7	720.5	311.7	29.5
August ..	1,089.3	741.2	348.1	733.3	317.8	30.2
September	1,109.0	754.0	355.1	752.5	337.1	31.7
October .	1,114.0	761.3	352.8	758.2	341.4	31.8
November.	1,119.9	766.9	353.0	764.2	349.5	32.5

Year and Month	Production Workers Average Weekly Earnings			Production Workers Average Weekly Hours			Production Workers Average Hourly Earnings		
	Manufacturing	Durable Goods	Nondurable Goods	Manufacturing	Durable Goods	Nondurable Goods	Manufacturing	Durable Goods	Nondurable Goods
1972	$185.12	$190.19	$172.60	41.6	41.8	40.9	$4.45	$4.55	$4.22
1973	201.35	207.95	185.89	42.3	42.7	41.4	4.76	4.87	4.49
1974	211.36	216.94	196.17	41.2	41.4	40.7	5.13	5.24	4.82
1975	224.47	228.90	211.85	40.3	40.3	40.2	5.57	5.68	5.27
1976	252.54	258.75	235.00	41.2	41.4	41.3	6.10	6.25	5.69
1977	283.08	292.02	258.34	42.0	42.2	41.4	6.74	6.92	6.24
1978	306.91	316.83	279.30	42.1	42.3	41.5	7.29	7.49	6.73
1979	325.36	335.30	297.98	41.5	41.6	41.1	7.84	8.06	7.25
1980	347.94	358.57	319.99	40.6	40.7	40.2	8.57	8.81	7.96
1981	389.78	401.64	358.16	40.9	40.9	40.7	9.53	9.82	8.80
1982	403.81	414.80	378.95	40.1	40.0	40.4	10.07	10.37	9.38
1982									
November.	408.83	418.80	387.06	40.2	40.0	40.7	10.17	10.47	9.51
December.	417.18	429.14	390.46	40.7	40.6	40.8	10.25	10.57	9.57
1983									
January .	415.09	427.99	387.03	40.3	40.3	40.4	10.30	10.62	9.58
February.	419.35	433.76	386.72	40.4	40.5	40.2	10.38	10.71	9.62
March ...	424.32	437.38	393.01	40.8	40.8	40.6	10.40	10.72	9.68
April ...	429.91	444.14	397.96	41.1	41.2	40.9	10.46	10.78	9.73
May	431.96	447.69	397.80	41.1	41.3	40.8	10.51	10.84	9.75
June	437.83	452.61	402.11	41.5	41.6	41.2	10.55	10.88	9.76
July	432.55	445.67	403.60	41.0	41.0	41.1	10.55	10.87	9.82
August ..	433.42	445.52	403.50	41.2	41.1	41.3	10.52	10.84	9.77
September	447.94	463.52	410.62	42.1	42.1	41.9	10.64	11.01	9.80
October .	450.24	468.68	408.78	42.0	42.3	41.5	10.72	11.08	9.85
November.	457.30	474.82	412.98	42.5	42.7	41.8	10.76	11.12	9.88

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

EMPLOYMENT AND AVERAGE WEEKLY EARNINGS IN SELECTED MAJOR MANUFACTURING INDUSTRIES IN OHIO[a]

Year and Month	Stone, Clay and Glass Products	Primary Metal Industries	Fabricated Metal Products	Machinery, Except Electrical	Electric & Electronic Equipment	Transportation Equipment	Food and Kindred Products	Printing and Publishing	Rubber and Plastics Products
	EMPLOYMENT (in thousands)								
1972	70.3	158.9	162.7	205.1	126.9	155.0	78.2	66.8	102.2
1973	73.3	173.3	175.2	219.9	134.1	167.2	76.4	67.7	109.8
1974	72.2	172.4	172.7	227.7	131.4	162.5	76.0	67.9	107.0
1975	65.0	151.5	150.9	207.7	112.3	140.8	73.5	64.8	94.8
1976	66.3	154.6	157.9	205.9	115.5	143.0	73.8	64.5	98.2
1977	67.1	157.7	166.5	210.7	120.9	151.8	74.4	65.4	107.4
1978	69.3	157.5	173.3	216.7	122.2	164.1	74.6	66.6	107.4
1979	69.7	158.9	175.5	223.6	117.6	165.8	74.4	67.6	106.7
1980	64.5	139.8	157.6	211.4	106.4	139.1	72.7	67.4	92.7
1981	61.0	138.3	154.9	204.2	101.9	136.9	69.2	66.1	89.0
1982	54.1	113.3	135.0	179.3	93.2	122.0	66.9	63.2	80.7
1982									
November.	53.1	100.8	128.0	166.1	90.1	117.5	66.6	62.2	78.3
December.	50.3	98.1	127.0	163.4	85.6	120.5	66.3	61.8	77.6
1983									
January .	50.2	100.2	128.3	163.2	89.5	125.1	63.9	61.6	78.0
February.	50.4	102.6	130.1	161.7	88.7	126.1	64.3	61.7	79.3
March ...	50.8	105.4	129.5	160.6	87.9	127.9	64.0	61.8	79.3
April ...	52.4	105.9	130.5	160.3	90.2	130.9	63.7	61.7	80.3
May	52.9	105.5	131.6	161.4	90.7	132.9	63.5	61.7	80.8
June	53.0	105.9	132.3	159.3	90.4	134.4	64.5	61.6	81.6
July	53.2	105.3	132.0	159.4	90.1	133.9	64.2	61.1	82.3
August ..	53.9	107.6	134.8	159.9	90.0	135.1	66.5	61.1	83.7
September	54.7	110.0	137.2	162.2	91.9	137.1	69.6	61.8	85.8
October .	54.8	110.5	139.2	161.9	92.8	141.3	66.6	61.8	86.5
November.	54.9	112.3	140.3	163.3	93.1	142.4	65.5	62.0	87.4
	AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS								
1972	$175.14	$204.61	$187.87	$193.46	$164.42	$219.99	$173.43	$187.21	$180.48
1973	189.03	228.72	204.67	208.80	176.23	241.01	188.94	203.06	193.12
1974	194.21	246.03	213.62	219.05	184.61	244.91	204.89	211.14	199.92
1975	207.55	256.46	224.96	228.25	201.30	263.22	222.68	226.95	213.31
1976	232.40	294.58	256.68	253.31	221.54	302.87	242.92	252.20	237.30
1977	253.95	329.54	290.44	279.18	248.44	359.20	258.54	271.96	263.97
1978	274.81	366.24	307.23	306.16	268.45	389.66	281.15	285.18	282.73
1979	293.34	395.43	323.38	329.09	289.27	391.56	304.50	302.62	300.66
1980	315.43	422.01	349.34	352.77	316.31	414.83	329.85	320.92	323.61
1981	348.02	484.04	389.61	389.16	350.27	471.50	362.75	347.70	368.67
1982	376.88	480.54	398.77	392.63	366.56	506.99	386.04	358.45	381.11
1982									
November.	387.69	478.37	407.42	393.39	374.14	518.13	393.71	364.65	380.70
December.	391.35	488.67	420.65	405.42	383.60	526.87	402.66	374.74	388.69
1983									
January .	385.01	486.16	427.00	401.37	380.09	517.33	391.68	370.02	392.22
February.	381.35	500.47	433.78	405.38	379.20	529.44	384.87	362.36	397.57
March ...	387.32	487.71	441.56	407.82	380.25	543.26	389.50	371.14	406.27
April ...	388.95	497.68	451.26	411.25	384.40	549.25	396.47	369.64	411.83
May	397.85	493.96	452.28	417.91	384.96	560.33	401.58	367.52	413.10
June	400.20	496.11	463.86	424.91	392.85	563.82	408.53	371.51	414.62
July	403.44	496.50	447.79	420.09	390.34	543.97	412.29	369.27	409.36
August ..	401.64	492.83	449.35	421.14	395.60	541.80	409.04	371.35	407.11
September	409.18	522.49	471.28	431.09	406.39	570.49	415.86	378.00	422.18
October .	412.17	514.18	479.45	436.31	408.04	581.79	396.89	384.94	425.87
November.	415.91	517.47	485.21	451.96	411.42	586.57	405.00	395.76	423.79

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN OHIO[a]
NOVEMBER 1983

Industry	Employment (in thousands)			Percent Change From[d]	
	November 1983[b]	October 1983[c]	November 1982[c]	October 1983	November 1982
TOTAL	4187.6	4179.8	4121.4	.2	1.6
MANUFACTURING	1119.9	1114.0	1056.9	.5	6.0
Durable Goods[e]	766.9	761.3	713.1	.7	7.5
Lumber and wood products	13.1	13.1	12.1	.1	7.7
Furniture and fixtures	13.7	13.7	13.5	.2	1.8
Household furniture	6.0	6.0	6.0	.0	1.5
Stone, clay, and glass products	54.9	54.8	53.1	.3	3.5
Glass and glassware, pressed or blown	14.7	14.6	14.1	.5	4.5
Structural clay products	5.3	5.3	4.7	.4	14.1
Pottery and related products	5.7	5.6	5.8	1.1	-2.3
Primary metal industries	112.3	110.5	100.8	1.7	11.5
Blast furnace and basic steel products	55.1	54.5	51.0	1.1	7.9
Iron and steel foundries	23.1	21.9	20.9	5.5	10.6
Nonferrous rolling and drawing	19.0	19.0	15.7	-.2	21.1
Nonferrous foundries	9.4	9.2	7.6	1.2	22.9
Fabricated metal products	140.3	139.2	128.0	.8	9.5
Cutlery, hand tools, and hardware	11.8	11.8	9.9	.7	19.9
Plumbing and heating, except electric	4.7	4.6	4.6	2.1	3.4
Fabricated structural metal products	31.4	31.4	31.0	-.1	1.4
Screw machine products, bolts, etc.	9.0	9.0	8.4	.3	7.1
Metal forgings and stampings	42.8	41.9	35.1	2.1	21.7
Machinery, except electrical	163.3	161.9	166.1	.9	-1.7
Construction and related machinery	17.6	17.8	18.5	-1.3	-5.1
Metalworking machinery	39.2	38.8	44.2	1.1	-11.4
Special industry machinery	17.4	17.3	17.8	.4	-2.1
General industrial machinery	32.6	32.3	32.7	.9	-.4
Electric and electronic equipment	93.1	92.8	90.1	.3	3.3
Electrical industrial apparatus	19.1	19.0	19.4	.5	-1.5
Household appliances	16.0	16.3	14.5	-1.8	10.5
Electric lighting and wiring equipment	18.6	18.5	17.9	.4	3.9
Communication equipment	10.8	10.8	10.8	.3	.3
Transportation equipment	142.4	141.3	117.5	.8	21.2
Motor vehicles and equipment	96.5	95.5	73.5	1.0	31.2
Aircraft and parts	37.6	37.4	36.3	.7	3.7
Instruments and related products	20.5	20.5	19.3	.0	6.3
Measuring and controlling devices	12.5	12.5	11.4	-.3	9.4
Nondurable Goods[f]	353.0	352.8	343.8	.1	2.7
Food and kindred products	65.5	66.6	66.6	-1.8	-1.7
Meat products	10.8	10.7	10.9	1.4	-1.1
Dairy products	10.8	11.0	10.9	-2.1	-.9
Bakery products	9.8	9.8	10.2	-.1	-3.8
Beverages	10.5	10.5	10.9	-.2	-3.9
Textile mill products	4.5	4.5	4.0	-.5	12.5
Apparel and other textile products	17.8	17.7	17.0	.9	5.3
Paper and allied products	35.6	35.3	35.0	.9	1.8
Paper mills, except building paper	9.3	9.2	8.8	1.3	5.6
Misc. converted paper products	11.5	11.5	11.2	.0	2.2
Paperboard containers and boxes	11.8	11.7	11.7	.5	.4
Printing and publishing	62.0	61.8	62.2	.3	-.4
Newspapers	18.5	18.4	18.5	.4	-.1
Commercial printing	22.3	22.2	22.4	.6	-.6
Chemicals and allied products	64.5	64.5	65.4	.0	-1.3
Industrial inorganic chemicals	11.8	11.8	12.5	-.4	-5.7
Plastics materials and synthetics	8.9	8.9	9.2	.3	-3.0
Petroleum and coal products	10.0	10.1	9.6	-.7	4.1
Rubber and misc. plastics products	87.4	86.5	78.3	1.0	11.6
Tires and inner tubes	20.9	20.9	21.3	-.1	-1.9
Miscellaneous plastics products	45.7	45.1	39.1	1.4	17.1
Leather and leather products	5.6	5.6	5.8	.2	-2.4

See footnotes at end of table.

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN OHIO[a]
NOVEMBER 1983

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	November 1983[b]	October 1983[c]	November 1982[c]	Nov. 1983[b]	Oct. 1983[c]	Nov. 1982[c]	Nov. 1983[b]	Oct. 1983[c]	Nov. 1982[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$457.30	$450.24	$408.83	42.5	42.0	40.2	$10.76	$10.72	$10.17
Durable Goods[d]	474.82	468.68	418.80	42.7	42.3	40.0	11.12	11.08	10.47
Lumber and wood products	297.52	295.54	297.35	40.7	40.1	39.7	7.31	7.37	7.49
Furniture and fixtures	319.09	314.72	306.46	40.7	40.4	39.8	7.84	7.79	7.70
Household furniture	274.32	276.44	269.57	38.8	39.1	38.4	7.07	7.07	7.02
Stone, clay, and glass products	415.91	412.17	387.69	41.8	41.3	41.2	9.95	9.98	9.41
Glass and glassware, pressed or blown.	433.42	431.07	403.92	41.2	40.4	39.6	10.52	10.67	10.20
Structural clay products	306.34	309.34	286.23	40.9	41.3	40.6	7.49	7.49	7.05
Pottery and related products	320.41	326.25	320.35	37.3	37.5	39.5	8.59	8.70	8.11
Primary metal industries	517.47	514.18	478.37	41.9	41.6	38.3	12.35	12.36	12.49
Blast furnace and basic steel products	512.68	509.52	497.39	40.4	39.9	36.2	12.69	12.77	13.74
Iron and steel foundries	536.64	522.45	454.17	43.7	43.0	39.7	12.28	12.15	11.44
Nonferrous rolling and drawing	564.62	565.92	487.62	43.2	43.2	40.1	13.07	13.10	12.16
Nonferrous foundries	421.08	432.84	358.30	44.0	44.9	39.9	9.57	9.64	8.98
Fabricated metal products	485.21	479.45	407.42	43.4	43.0	40.1	11.18	11.15	10.16
Cutlery, hand tools, and hardware	498.29	493.83	390.78	42.3	42.1	38.5	11.78	11.73	10.15
Plumbing and heating, except electric.	380.94	361.58	347.14	42.0	40.4	38.4	9.07	8.95	9.04
Fabricated structural metal products	405.32	401.88	382.80	40.9	40.8	40.0	9.91	9.85	9.57
Screw machine products, bolts, etc.	404.07	390.82	353.34	42.4	41.4	39.0	9.53	9.44	9.06
Metal forgings and stampings	605.42	604.20	472.28	45.9	45.6	40.4	13.19	13.25	11.69
Machinery, except electrical	451.96	436.31	393.39	42.2	41.2	39.3	10.71	10.59	10.01
Construction and related machinery	418.47	429.37	373.70	39.0	39.5	37.0	10.73	10.87	10.10
Metalworking machinery	415.74	403.52	388.85	40.6	39.6	38.5	10.24	10.19	10.10
Special industry machinery	438.05	428.83	396.61	43.2	42.5	41.4	10.14	10.09	9.58
General industrial machinery	447.52	435.66	391.00	42.1	41.1	39.1	10.63	10.60	10.00
Electric and electronic equipment	411.42	408.04	374.14	41.6	41.3	39.3	9.89	9.88	9.52
Electrical industrial apparatus	396.07	370.28	345.92	41.3	39.1	37.6	9.59	9.47	9.20
Household appliances	419.00	413.09	374.19	41.2	40.9	38.3	10.17	10.10	9.77
Electric lighting and wiring equipment	400.89	407.69	377.98	41.5	41.9	41.4	9.66	9.73	9.13
Communication equipment	457.49	476.48	398.53	43.2	44.2	38.1	10.59	10.78	10.46
Transportation equipment	586.57	581.79	518.13	45.4	45.1	42.4	12.92	12.90	12.22
Motor vehicles and equipment	609.90	609.04	532.12	46.1	46.0	42.4	13.23	13.24	12.55
Aircraft and parts	528.00	509.07	490.99	43.6	42.6	42.4	12.11	11.95	11.58
Instruments and related products	309.97	308.83	286.89	40.1	39.9	39.3	7.73	7.74	7.30
Measuring and controlling devices	299.81	298.65	275.53	39.5	39.4	37.9	7.59	7.58	7.27
Nondurable Goods[e]	412.98	408.78	387.06	41.8	41.5	40.7	9.88	9.85	9.51
Food and kindred products	405.00	396.89	393.71	42.1	41.3	41.4	9.62	9.61	9.51
Meat products	391.44	388.33	414.00	42.0	41.4	41.4	9.32	9.38	10.00
Dairy products	428.21	409.26	399.81	44.1	43.4	43.6	9.71	9.43	9.17
Bakery products	422.01	406.30	401.60	40.5	39.6	40.2	10.42	10.26	9.99
Beverages	374.26	365.77	336.66	39.9	39.5	38.3	9.38	9.26	8.79
Textile mill products	315.25	310.91	264.80	41.7	41.4	38.6	7.56	7.51	6.86
Apparel and other textile products	246.33	241.67	220.22	39.1	38.3	37.2	6.30	6.31	5.92
Paper and allied products	437.36	437.03	403.92	44.0	44.1	43.2	9.94	9.91	9.35
Paper mills, except building paper	545.69	535.13	524.42	46.6	46.9	48.2	11.71	11.41	10.88
Misc. converted paper products	385.67	384.77	355.26	42.9	42.8	41.6	8.99	8.99	8.54
Paperboard containers and boxes	383.18	392.84	357.57	42.2	42.7	41.1	9.08	9.20	8.70
Printing and publishing	395.76	384.94	364.65	38.8	38.0	37.4	10.20	10.13	9.75
Newspapers	326.01	320.10	324.85	33.3	33.0	31.6	9.79	9.70	10.28
Commercial printing	422.09	408.51	369.97	40.9	39.7	38.7	10.32	10.29	9.56
Chemicals and allied products	467.74	460.37	433.89	41.8	41.4	41.6	11.19	11.12	10.43
Industrial inorganic chemicals	507.88	511.09	442.98	42.5	42.1	41.4	11.95	12.14	10.70
Plastics materials and synthetics	520.23	515.09	471.97	44.2	43.8	43.3	11.77	11.76	10.90
Petroleum and coal products	615.29	609.23	617.43	43.3	43.3	45.2	14.21	14.07	13.66
Rubber and misc. plastics products	423.79	425.87	380.70	43.2	43.5	40.5	9.81	9.79	9.40
Tires and inner tubes	564.83	564.32	520.02	44.3	44.4	42.8	12.75	12.71	12.15
Miscellaneous plastics products	411.61	411.70	355.78	43.1	43.2	39.4	9.55	9.53	9.03
Leather and leather products	211.85	211.85	222.98	38.8	38.8	41.6	5.46	5.46	5.36

See footnotes at end of table.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN OHIO[a]
NOVEMBER 1983 (Continued)

Industry	Employment (in thousands)			Percent Change From[d]	
	November 1983[b]	October 1983[c]	November 1982[c]	October 1983	November 1982
NONMANUFACTURING	3067.8	3065.8	3064.5	.1	.1
MINING	29.7	29.9	30.3	-.7	-2.1
Bituminous coal and lignite mining	11.8	11.8	12.8	-.1	-7.9
CONSTRUCTION	138.2	142.1	142.2	-2.7	-2.8
General building contractors	32.4	32.9	33.6	-1.4	-3.5
Heavy construction contractors	22.8	24.3	24.3	-6.2	-6.3
TRANSPORTATION AND PUBLIC UTILITIES	196.9	198.2	204.6	-.7	-3.8
Railroad transportation	20.5	20.9	21.9	-1.9	-6.2
Transportation, except railroads	86.0[h]	87.0	88.5	-1.1	-2.8
Trucking and warehousing	61.7	61.6	64.1	.1	-3.8
Communication, electric, gas services	90.3	90.3	94.3	.0	-4.2
Communication	50.6	50.6	53.4	.1	-5.1
Electric, gas, and sanitary services	39.7	39.8	40.9	-.1	-2.9
WHOLESALE TRADE	227.6	228.2	229.0	-.2	-.6
Wholesale trade-durable goods	143.7	144.1	145.2	-.3	-1.1
Motor vehicles & automotive equipment	21.0	21.1	20.8	-.5	.9
Electrical goods	18.8	18.8	18.9	.0	-.2
Machinery, equipment, and supplies	61.4	61.5	61.9	-.2	-.8
Wholesale trade-nondurable goods	84.0	84.1	83.7	-.1	.3
Groceries and related products	25.9	26.0	25.4	-.2	1.8
RETAIL TRADE	711.1	703.1	718.4	1.1	-1.0
General merchandise stores	117.5	111.3	122.2	5.5	-3.9
Department stores	107.9	102.0	112.1	5.8	-3.8
Food stores	119.3	117.4	119.0	1.7	.3
Automotive dealers & service stations	74.6	75.2	75.6	-.8	-1.3
Apparel and accessory stores	33.5	32.5	34.7	3.1	-3.6
FINANCE, INSURANCE, AND REAL ESTATE	210.0	210.0	206.8	.0	1.6
Banking	58.1	58.0	58.6	.1	-.9
Credit agencies other than banks	30.8	30.7	29.8	.3	3.5
Insurance carriers	59.2	59.2	59.7	.0	-.8
SERVICES	884.2	888.9	865.8	-.5	2.1
Hotels and other lodging places	29.2	29.2	29.4	-.2	-.9
Laundry, cleaning, & garment services	16.4	16.4	16.8	.0	-2.5
Business services	124.4	124.6	122.5	-.2	1.5
Health services	328.9	328.5	317.6	.1	3.6
Hospitals	178.7	178.5	174.8	.1	2.2
GOVERNMENT	670.0	665.4	667.3	.7	.4
Federal government	88.7	88.5	88.4	.2	.3
State government	145.4	145.1	146.3	.2	-.6
State government, except education	68.6	68.8	70.3	-.3	-2.5
State government education[i]	76.8	76.3	76.0	.7	1.1
Local government	435.9	431.8	432.6	.9	.8
Local government, except education	181.1	181.7	181.2	-.3	.0
Local government education	254.8	250.1	251.4	1.9	1.3

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[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Based on March 1982 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes miscellaneous manufacturing. [f] Includes tobacco manufactures. [h] Depressed due to labor-management disputes. [i] Includes State Universities, State Schools for Deaf and Blind, and the State Library. Excludes hospitals, the agricultural extension service, agricultural research centers, and departments coordinating and administering educational programs (notably, the Ohio Department of Education).

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN OHIO[a]
NOVEMBER 1983 (Continued)

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	November 1983[b]	October 1983[c]	November 1982[c]	Nov. 1983[b]	Oct. 1983[c]	Nov. 1982[c]	Nov. 1983[b]	Oct. 1983[c]	Nov. 1982[c]
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
MINING	$450.91	$461.58	$456.32	42.7	43.3	43.5	$10.56	$10.66	$10.49
Bituminous coal and lignite mining	556.22	560.06	540.68	40.6	41.0	41.4	13.70	13.66	13.06
CONSTRUCTION	553.09	580.16	544.91	35.5	37.0	36.4	15.58	15.68	14.97
General building contractors	481.78	503.74	486.75	34.0	35.6	35.4	14.17	14.15	13.75
Heavy construction contractors	492.91	530.02	512.59	33.6	35.5	35.4	14.67	14.93	14.48
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Railroad transportation	......	......	......	....	....	....	....	....	....
Transportation, except railroads	......	......	......	....	....	....	....	....	....
Trucking and warehousing	448.36	447.07	448.72	36.1	36.2	36.1	12.42	12.35	12.43
Communication, electric, gas services ..	476.72	474.30	436.11	40.4	40.4	39.9	11.80	11.74	10.93
Communication	473.98	474.38	426.50	40.1	40.1	39.2	11.82	11.83	10.88
Electric, gas, and sanitary services .	481.80	472.93	449.90	40.9	40.7	40.9	11.78	11.62	11.00
WHOLESALE TRADE	333.83	332.59	317.34	39.6	39.5	38.7	8.43	8.42	8.20
Wholesale trade-durable goods	328.84	326.80	309.60	40.2	40.0	38.7	8.18	8.17	8.00
Motor vehicles & automotive equipment.	271.70	272.97	268.09	38.0	38.5	37.6	7.15	7.09	7.13
Electrical goods	276.86	274.61	260.54	38.4	38.3	36.8	7.21	7.17	7.08
Machinery, equipment, and supplies ...	372.19	368.83	340.56	41.4	40.8	39.1	8.99	9.04	8.71
Wholesale trade-nondurable goods	343.66	342.88	330.42	38.7	38.7	38.6	8.88	8.86	8.56
Groceries and related products	372.60	369.15	364.08	41.4	40.7	41.0	9.00	9.07	8.88
RETAIL TRADE[f]	161.11	161.37	154.28	29.4	29.5	29.0	5.48	5.47	5.32
General merchandise stores	165.54	165.17	153.85	31.0	30.7	29.7	5.34	5.38	5.18
Department stores	168.79	168.41	156.22	31.2	30.9	29.7	5.41	5.45	5.26
Food stores	217.45	218.86	222.07	30.8	31.0	30.8	7.06	7.06	7.21
Automotive dealers & service stations ..	215.99	213.35	203.31	36.3	36.1	36.5	5.95	5.91	5.57
Apparel and accessory stores	113.79	115.14	107.43	25.4	25.7	25.7	4.48	4.48	4.18
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
Banking	217.69	217.76	204.94	....	....	....	....	....	....
Credit agencies other than banks	208.09	210.39	203.58	....	....	....	....	....	....
Insurance carriers	291.83	291.21	280.47	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
Hotels and other lodging places	......	......	......	....	....	....	....	....	....
Laundry, cleaning, & garment services ..	......	......	......	....	....	....	....	....	....
Business services	......	......	......	....	....	....	....	....	....
Health services	......	......	......	....	....	....	....	....	....
Hospitals	281.90	282.41	267.34	33.6	33.7	34.1	8.39	8.38	7.84
GOVERNMENT	......	......	......	....	....	....	....	....	....
Federal government	......	......	......	....	....	....	....	....	....
State government	......	......	......	....	....	....	....	....	....
State government, except education ...	......	......	......	....	....	....	....	....	....
State government education	......	......	......	....	....	....	....	....	....
Local government	......	......	......	....	....	....	....	....	....
Local government, except education ...	......	......	......	....	....	....	....	....	....
Local government education	......	......	......	....	....	....	....	....	....

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes miscellaneous manufacturing. [e] Includes tobacco manufactures. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN AKRON METROPOLITAN AREA[a]
NOVEMBER 1983

Industry	Employment (in thousands)			Percent Change From[d]	
	November 1983[b]	October 1983[c]	November 1982[c]	October 1983	November 1982
TOTAL	256.0	255.0	251.7	.4	1.7
MANUFACTURING	68.5	68.1	66.5	.6	3.0
Durable Goods[e]	35.0	34.8	32.7	.7	7.2
Stone, clay, and glass products	2.0	2.0	1.8	- .2	9.7
Fabricated metal products	12.4	12.3	12.0	1.1	3.2
Machinery, except electrical	9.7	9.6	8.9	.1	8.9
Special industry machinery	1.6	1.6	1.6	- 2.9	- 2.7
Nondurable Goods[f]	33.5	33.4	33.8	.4	- 1.0
Food and kindred products	2.6	2.5	2.6	1.4	- 2.8
Chemicals and allied products	2.7	2.7	3.2	- 1.6	- 14.4
Rubber and misc. plastics products	23.2	23.2	23.1	.2	.3
Tires and inner tubes	16.6	16.6	17.2	- .1	- 3.4
NONMANUFACTURING[g]	187.5	186.9	185.1	.3	1.3
CONSTRUCTION	7.6	7.8	7.9	- 2.9	- 4.1
TRANSPORTATION AND PUBLIC UTILITIES	12.8	12.8	12.9	.0	- 1.1
Communication, electric, gas services	5.3	5.3	5.5	- .1	- 2.6
WHOLESALE TRADE	12.6	12.7	12.5	- .3	1.4
RETAIL TRADE	47.3	46.9	46.7	.9	1.2
FINANCE, INSURANCE, AND REAL ESTATE	9.3	9.3	9.3	.9	.6
SERVICES	54.0	53.9	52.1	.3	3.7
GOVERNMENT	43.1	42.9	43.0	.5	.2
State government (includes education)	14.7	14.7	14.7	.0	.2
Local government (includes education)	26.3	26.1	26.2	.8	.3

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Akron area is defined as Portage and Summit Counties. Based on March 1982 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; primary metal industries; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN AKRON METROPOLITAN AREA[a]
NOVEMBER 1983

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	November 1983[b]	October 1983[c]	November 1982[c]	Nov. 1983[b]	Oct. 1983[c]	Nov. 1982[c]	Nov. 1983[b]	Oct. 1983[c]	Nov. 1982[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$471.98	$467.42	$409.94	43.5	43.2	41.2	$10.85	$10.82	$ 9.95
Durable Goods[d]	492.36	486.38	405.14	44.0	43.7	40.8	11.19	11.13	9.93
Stone, clay, and glass products	408.50	402.95	385.14	42.2	41.8	42.0	9.68	9.64	9.17
Fabricated metal products	611.98	609.74	390.00	45.5	45.3	39.0	13.45	13.46	10.00
Machinery, except electrical	418.38	418.12	412.43	43.4	43.6	42.3	9.64	9.59	9.75
Special industry machinery	446.04	441.12	374.66	45.1	44.2	39.9	9.89	9.98	9.39
Nondurable Goods[e]	443.59	440.30	415.58	42.9	42.5	41.6	10.34	10.36	9.99
Food and kindred products	454.61	450.46	439.94	45.1	44.6	44.8	10.08	10.10	9.82
Chemicals and allied products	465.91	470.24	440.77	43.1	43.3	42.3	10.81	10.86	10.42
Rubber and misc. plastics products	468.60	460.08	425.29	44.0	43.2	41.9	10.65	10.65	10.15
Tires and inner tubes	601.10	598.45	538.79	45.4	45.2	43.0	13.24	13.24	12.53
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	535.28	524.54	565.40	35.1	34.6	37.1	15.25	15.16	15.24
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	490.82	489.21	437.89	40.8	40.7	39.7	12.03	12.02	11.03
WHOLESALE TRADE	308.48	301.41	290.61	39.6	39.4	38.8	7.79	7.65	7.49
RETAIL TRADE[f]	174.33	173.73	169.64	29.8	29.8	29.4	5.85	5.83	5.77
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
State government (includes education)	......	......	......	....	....	....	....	....	....
Local government (includes education)	....	......	......	....	....	....	....	....	....

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Akron area is defined as Portage and Summit Counties. Date relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; furniture and fixtures; primary metal industries; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CANTON METROPOLITAN AREA[a]
NOVEMBER 1983

Industry	Employment (in thousands)			Percent Change From[d]	
	November 1983[b]	October 1983[c]	November 1982[c]	October 1983	November 1982
TOTAL	150.7	150.0	147.9	.4	1.9
MANUFACTURING	46.7	46.2	45.2	1.1	3.3
Durable Goods[e]	35.0	34.5	34.0	1.5	2.9
Stone, clay, and glass products	2.0	2.0	1.9	-.1	5.2
Primary metal industries	11.4	11.0	9.9	3.9	14.8
Fabricated metal products	7.7	7.6	8.3	1.0	-7.1
Fabricated structural metal products	2.0	2.0	2.6	.1	-20.9
Metal forgings and stampings	2.4	2.4	2.4	2.6	3.7
Nondurable Goods[f]	11.7	11.7	11.2	.1	4.4
Food and kindred products	4.3	4.3	4.3	-.4	-.7
Rubber and misc. plastics products	3.2	3.1	2.5	.4	25.6
NONMANUFACTURING[g]	104.0	103.9	102.7	.1	1.2
CONSTRUCTION	5.3	5.4	5.0	-2.6	6.1
TRANSPORTATION AND PUBLIC UTILITIES	6.1	6.1	6.4	-1.0	-4.3
Communication, electric, gas services	2.9	2.9	3.0	.0	-4.4
WHOLESALE TRADE	8.0	8.0	7.8	.1	3.2
RETAIL TRADE	26.5	26.2	26.4	1.0	.3
FINANCE, INSURANCE, AND REAL ESTATE	6.6	6.5	6.4	.7	3.1
SERVICES	31.6	31.7	31.1	-.4	1.6
GOVERNMENT	18.5	18.4	18.4	.7	.9
Local government (includes education)	15.6	15.5	15.3	.6	1.9

[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Canton area is defined as Carroll and Stark Counties. Based on March 1982 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CANTON METROPOLITAN AREA[a]
NOVEMBER 1983

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	November 1983[b]	October 1983[c]	November 1982[c]	Nov. 1983[b]	Oct. 1983[c]	Nov. 1982[c]	Nov. 1983[b]	Oct. 1983[c]	Nov. 1982[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$441.19	$433.36	$399.85	40.7	40.2	38.3	$10.84	$10.78	$10.44
Durable Goods[d]	455.71	445.68	407.16	40.4	39.9	37.7	11.28	11.17	10.80
Stone, clay, and glass products	272.83	287.55	260.43	39.2	40.5	39.7	6.96	7.10	6.56
Primary metal industries	476.00	467.67	443.42	39.7	39.3	34.4	11.99	11.90	12.89
Fabricated metal products	535.51	524.16	448.34	42.1	41.6	40.5	12.72	12.60	11.07
Fabricated structural metal products	461.55	464.87	429.55	40.1	40.6	40.6	11.51	11.45	10.58
Metal forgings and stampings	669.99	645.04	508.07	45.3	44.0	40.1	14.79	14.66	12.67
Nondurable Goods[e]	393.84	395.52	378.68	41.5	41.2	40.5	9.49	9.60	9.35
Food and kindred products	413.13	411.35	441.41	41.9	41.3	41.8	9.86	9.96	10.56
Rubber and misc. plastics products	446.36	447.19	367.42	45.5	45.4	41.8	9.81	9.85	8.79
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	527.00	556.56	517.62	34.0	35.7	35.6	15.50	15.59	14.54
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	485.39	479.40	449.75	41.1	40.8	40.3	11.81	11.75	11.16
WHOLESALE TRADE	328.56	325.99	302.59	38.7	37.6	36.5	8.49	8.67	8.29
RETAIL TRADE[f]	160.73	161.16	151.19	29.6	29.9	29.3	5.43	5.39	5.16
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
Local government (includes education)	......	......	......	....	....	....	....	....	....

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Canton area is defined as Carroll and Stark Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; furniture and fixtures; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CINCINNATI METROPOLITAN AREA[a]
NOVEMBER 1983

Industry	Employment (in thousands)			Percent Change From[d]	
	November 1983[b]	October 1983[c]	November 1982[c]	October 1983	November 1982
TOTAL	583.5	581.4	576.9	.4	1.1
MANUFACTURING	149.3	148.8	147.0	.3	1.5
Durable Goods[e]	83.0	82.7	80.1	.3	3.5
Furniture and fixtures	2.0	2.1	2.1	-3.1	-5.9
Primary metal industries	2.0	2.0	1.7	-.6	18.1
Fabricated metal products	13.3	13.1	12.3	1.6	8.0
Fabricated structural metal products	4.1	4.0	4.1	3.3	-.4
Machinery, except electrical	21.7	21.4	22.1	1.4	-2.0
Metalworking machinery	10.3	10.2	10.9	1.3	-5.2
General industrial machinery	3.4	3.4	3.5	1.1	-.4
Electric and electronic equipment	7.7	7.7	7.6	.0	.9
Transportation equipment	25.8	25.8	24.0	.1	7.7
Motor vehicles and equipment	10.9	10.8	9.1	1.2	20.4
Nondurable Goods[f]	66.3	66.0	66.9	.4	-.9
Food and kindred products	14.7	14.8	15.8	-.5	-7.0
Meat products	2.4	2.4	2.3	-.1	6.8
Bakery products	2.3	2.3	2.4	-.7	-4.3
Beverages	4.3	4.3	4.8	.9	-9.8
Apparel and other textile products	4.1	3.9	4.0	3.7	3.1
Paper and allied products	5.8	5.9	5.9	-1.2	-.4
Printing and publishing	11.6	11.5	11.2	1.3	3.3
Chemicals and allied products	22.0	21.8	22.1	.6	-.5
Rubber and misc. plastics products	4.7	4.7	4.3	.5	9.5
NONMANUFACTURING[g]	434.2	432.7	429.8	.4	1.0
CONSTRUCTION	20.8	21.2	20.9	-1.9	-.2
TRANSPORTATION AND PUBLIC UTILITIES	31.2	31.5	31.9	-.8	-2.0
Communication, electric, gas services	14.2	14.2	14.4	-.4	-1.3
WHOLESALE TRADE	36.8	36.7	37.2	.1	-1.3
RETAIL TRADE	102.5	101.2	103.0	1.2	-.5
FINANCE, INSURANCE, AND REAL ESTATE	32.2	32.1	32.5	.4	-1.0
Banking	7.2	7.2	7.3	.3	-.5
Insurance carriers	11.0	11.0	11.4	.3	-3.4
SERVICES	130.5	130.5	124.7	.0	4.7
GOVERNMENT	79.8	79.0	79.4	1.0	.6
Federal government	12.3	12.3	12.1	.5	2.4
State government (includes education)	17.9	17.6	18.5	1.7	-3.4
Local government	49.6	49.1	48.8	.9	1.7
Local government, except education	21.4	21.5	21.4	-.3	-.1
Local government education	28.2	27.7	27.3	1.9	3.0

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[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Cincinnati area is defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. Based on March 1982 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; stone, clay, and glass products; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CINCINNATI METROPOLITAN AREA[a]
NOVEMBER 1983

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	November 1983[b]	October 1983[c]	November 1982[c]	Nov. 1983[b]	Oct. 1983[c]	Nov. 1982[c]	Nov. 1983[b]	Oct. 1983[c]	Nov. 1982[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$432.21	$422.50	$404.89	41.8	41.3	41.4	$10.34	$10.23	$ 9.78
Durable Goods[d]	425.57	421.64	387.32	41.6	41.5	40.6	10.23	10.16	9.54
Furniture and fixtures	312.80	327.59	273.06	39.1	41.0	36.8	8.00	7.99	7.42
Primary metal industries	445.42	452.40	347.81	40.2	40.0	35.6	11.08	11.31	9.77
Fabricated metal products	373.98	382.22	376.48	40.3	41.5	41.6	9.28	9.21	9.05
Fabricated structural metal products	351.28	359.10	336.20	40.1	40.9	41.1	8.76	8.78	8.18
Machinery, except electrical	377.34	373.73	337.19	40.4	40.1	38.1	9.34	9.32	8.85
Metalworking machinery	410.28	400.72	356.31	39.0	38.2	36.1	10.52	10.49	9.87
General industrial machinery	330.74	331.50	316.92	39.8	39.7	38.0	8.31	8.35	8.34
Electric and electronic equipment	333.06	326.72	301.68	42.0	41.2	39.8	7.93	7.93	7.58
Transportation equipment	608.37	590.78	538.90	44.7	43.6	42.3	13.61	13.55	12.74
Motor vehicles and equipment	651.84	646.46	580.44	44.8	44.4	42.0	14.55	14.56	13.82
Nondurable Goods[e]	440.37	423.74	424.27	42.1	41.1	42.3	10.46	10.31	10.03
Food and kindred products	476.86	460.78	489.07	42.2	41.4	44.1	11.30	11.13	11.09
Meat products	404.91	408.24	476.56	41.7	42.0	45.3	9.71	9.72	10.52
Bakery products	461.74	423.46	416.53	41.9	40.6	41.2	11.02	10.43	10.11
Beverages	450.68	440.58	463.18	42.8	42.0	45.1	10.53	10.49	10.27
Apparel and other textile products	207.84	207.36	229.71	36.4	36.0	40.3	5.71	5.76	5.70
Paper and allied products	377.04	381.97	357.28	41.8	41.7	41.4	9.02	9.16	8.63
Printing and publishing	455.10	434.93	390.91	42.1	40.8	38.4	10.81	10.66	10.18
Chemicals and allied products	508.38	481.39	488.42	42.4	40.9	43.3	11.99	11.77	11.28
Rubber and misc. plastics products	382.59	359.45	339.39	46.6	45.5	43.4	8.21	7.90	7.82
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	513.46	535.32	524.52	34.6	36.0	36.0	14.84	14.87	14.57
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	455.09	455.90	415.63	39.3	39.2	39.1	11.58	11.63	10.63
WHOLESALE TRADE	345.66	343.47	319.55	40.1	39.8	38.5	8.62	8.63	8.30
RETAIL TRADE[f]	164.39	163.02	155.48	30.9	30.7	29.9	5.32	5.31	5.20
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
Banking	223.89	223.06	202.41	....	....	....	....	....	....
Insurance carriers	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
Federal government	......	......	......	....	....	....	....	....	....
State government (includes education)	......	......	......	....	....	....	....	....	....
Local government	......	......	......	....	....	....	....	....	....
Local government, except education	......	......	......	....	....	....	....	....	....
Local government education	......	......	......	....	....	....	....	....	....

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[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Cincinnati area is defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; stone, clay, and glass products; instruments and related products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CLEVELAND METROPOLITAN AREA[a]
NOVEMBER 1983

Industry	Employment (in thousands)			Percent Change From[d]	
	November 1983[b]	October 1983[c]	November 1982[c]	October 1983	November 1982
TOTAL	836.3	837.4	840.5	.1	-.3
MANUFACTURING	216.6	215.6	213.7	.5	1.3
Durable Goods[e]	150.5	149.6	150.3	.6	.1
Furniture and fixtures	1.8	1.7	2.0	.6	-10.7
Primary metal industries	25.2	24.9	24.5	1.1	2.7
Blast furnace and basic steel products	12.2	12.2	12.5	.0	-2.3
Iron and steel foundries	6.5	6.3	6.2	4.1	5.3
Nonferrous foundries	2.6	2.7	2.5	-2.6	3.7
Fabricated metal products	32.3	32.3	32.5	.2	-.7
Fabricated structural metal products	3.9	3.9	3.8	-.8	1.5
Screw machine products, bolts, etc.	4.7	4.7	4.7	-1.1	-.1
Metal forgings and stampings	10.9	10.8	11.4	.7	-4.2
Machinery, except electrical	32.5	32.2	34.4	.8	-5.7
Construction and related machinery	5.4	5.4	5.5[h]	-.2	-1.0
Metalworking machinery	10.6	10.5	11.9	.6	-11.4
Special industry machinery	3.2	3.2	3.3	.8	-4.6
General industrial machinery	2.6	2.5	2.8	3.7	-7.8
Electric and electronic equipment	23.8	23.6	23.4	1.0	1.7
Electrical industrial apparatus	7.9	7.9	8.2	.5	-3.2
Transportation equipment	21.0	21.0	19.7	.2	6.9
Motor vehicles and equipment	14.7	14.7	13.1	.3	12.1
Instruments and related products	5.6	5.6	5.8	-.1	-3.4
Nondurable Goods[f]	66.1	66.0	63.4	.2	4.2
Food and kindred products	8.1	8.1	7.8	.6	3.4
Bakery products	1.7	1.7	1.7	-.9	-1.9
Beverages	1.6	1.6	1.6	-2.0	-3.5
Apparel and other textile products	5.6	5.6	5.4	.8	4.5
Paper and allied products	5.1	5.1	5.0	.5	2.1
Printing and publishing	15.4	15.3	14.8	.1	3.6
Chemicals and allied products	14.6	14.5	14.8	.5	-1.7
Industrial inorganic chemicals	3.6	3.6	3.8	.4	-7.0
Rubber and misc. plastics products	11.2	11.3	9.7	-.4	15.6
NONMANUFACTURING[g]	621.7	621.9	626.7	.0	-.8
CONSTRUCTION	25.8	26.5	26.4	-2.7	-2.4
TRANSPORTATION AND PUBLIC UTILITIES	41.5[h]	42.2	43.2	-1.7	-3.9
Communication, electric, gas services	19.5	19.6	20.0	.0	-2.3
WHOLESALE TRADE	59.7	59.8	60.8	-.2	-1.8
RETAIL TRADE	134.3	133.0	137.0	1.0	-2.0
FINANCE, INSURANCE, AND REAL ESTATE	47.8	47.9	48.0	-.1	-.5
Banking	13.1	13.0	13.3	.6	-1.9
Insurance carriers	11.8	11.9	12.2	-.7	-3.2
SERVICES	197.7	198.8	194.7	-.6	1.5
GOVERNMENT	113.7	112.6	115.3	1.0	-1.3
Federal government	19.2	19.2	19.3	-.3	-.5
State government (includes education)	7.9	7.8	8.0	1.2	-1.7
Local government	86.6	85.5	87.9	1.3	-1.5
Local government, except education	44.2	44.2	44.5	.1	-.6
Local government education	42.4	41.3	43.5	2.6	-2.4

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Cleveland area is defined as Cuyahoga, Geauga, Lake, and Medina Counties. Based on March 1982 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; stone, clay, and glass products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CLEVELAND METROPOLITAN AREA[a]
NOVEMBER 1983

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	November 1983[b]	October 1983[c]	November 1982[c]	Nov. 1983[b]	Oct. 1983[c]	Nov. 1982[c]	Nov. 1983[b]	Oct. 1983[c]	Nov. 1982[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$444.56	$437.83	$399.45	41.9	41.5	39.2	$10.61	$10.55	$10.19
Durable Goods[d]	473.45	466.47	419.33	42.5	42.1	39.3	11.14	11.08	10.67
Furniture and fixtures	330.44	330.08	328.80	40.2	40.5	41.1	8.22	8.15	8.00
Primary metal industries	529.15	522.46	448.72	42.4	42.1	36.6	12.48	12.41	12.26
Blast furnace and basic steel products	482.47	479.17	452.24	37.9	37.7	32.7	12.73	12.71	13.83
Iron and steel foundries	696.83	678.08	519.47	47.5	46.7	40.3	14.67	14.52	12.89
Nonferrous foundries	361.42	361.50	336.31	41.4	41.6	39.8	8.73	8.69	8.45
Fabricated metal products	453.05	447.10	427.28	42.5	42.1	40.5	10.66	10.62	10.55
Fabricated structural metal products	331.04	333.59	341.47	38.9	38.3	40.7	8.51	8.71	8.39
Screw machine products, bolts, etc.	448.36	430.36	355.30	43.7	42.4	38.0	10.26	10.15	9.35
Metal forgings and stampings	566.42	556.98	531.23	44.6	44.1	41.6	12.70	12.63	12.77
Machinery, except electrical	458.71	446.78	394.75	42.2	41.6	38.4	10.87	10.74	10.28
Construction and related machinery	498.08	502.63	390.96	40.2	40.6	36.0	12.39	12.38	10.86
Metalworking machinery	423.74	415.13	389.16	41.1	40.5	37.6	10.31	10.25	10.35
Special industry machinery	465.75	466.99	434.02	41.4	41.4	41.1	11.25	11.28	10.56
General industrial machinery	406.58	401.14	374.75	41.7	41.1	37.4	9.75	9.76	10.02
Electric and electronic equipment	402.46	392.93	355.89	40.9	40.3	38.6	9.84	9.75	9.22
Electrical industrial apparatus	396.76	365.27	340.12	39.4	36.6	34.6	10.07	9.98	9.83
Transportation equipment	592.07	584.64	532.00	45.3	44.8	42.8	13.07	13.05	12.43
Motor vehicles and equipment	631.12	622.43	557.70	46.0	45.4	42.9	13.72	13.71	13.00
Instruments and related products	357.41	341.73	330.40	40.8	39.1	40.0	8.76	8.74	8.26
Nondurable Goods[e]	371.79	366.62	347.21	40.5	40.2	39.1	9.18	9.12	8.88
Food and kindred products	378.39	379.76	368.34	40.6	40.4	40.7	9.32	9.40	9.05
Bakery products	402.93	419.32	379.53	40.7	42.1	39.7	9.90	9.96	9.56
Beverages	350.69	341.82	343.78	41.6	40.5	42.6	8.43	8.44	8.07
Apparel and other textile products	271.21	268.87	244.40	38.8	38.3	36.1	6.99	7.02	6.77
Paper and allied products	404.63	414.65	360.70	43.0	44.3	39.9	9.41	9.36	9.04
Printing and publishing	378.67	368.45	362.97	36.8	36.3	37.0	10.29	10.15	9.81
Chemicals and allied products	451.61	456.71	414.93	41.7	41.9	40.6	10.83	10.90	10.22
Industrial inorganic chemicals	495.33	495.40	413.66	41.8	41.7	40.2	11.85	11.88	10.29
Rubber and misc. plastics products	348.25	327.39	316.40	43.1	41.6	40.0	8.08	7.87	7.91
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	674.06	692.95	642.75	37.2	38.2	37.5	18.12	18.14	17.14
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	506.62	499.69	468.40	40.4	40.2	40.0	12.54	12.43	11.71
WHOLESALE TRADE	344.52	340.95	331.27	39.6	39.1	38.7	8.70	8.72	8.56
RETAIL TRADE[f]	170.08	170.43	163.24	28.3	28.5	28.0	6.01	5.98	5.83
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
Banking	247.45	246.70	236.51	....	....	....	....	....	....
Insurance carriers	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
Federal government	......	......	......	....	....	....	....	....	....
State government (includes education)	......	......	......	....	....	....	....	....	....
Local government	......	......	......	....	....	....	....	....	....
Local government, except education	......	......	......	....	....	....	....	....	....
Local government education	......	......	......	....	....	....	....	....	....

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[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Cleveland area is defined as Cuyahoga, Geauga, Lake, and Medina Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; stone, clay, and glass products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN COLUMBUS METROPOLITAN AREA[a]
NOVEMBER 1983

Industry	Employment (in thousands)			Percent Change From[d]	
	November 1983[b]	October 1983[c]	November 1982[c]	October 1983	November 1982
TOTAL	514.1	512.9	503.8	.2	2.0
MANUFACTURING	90.5	90.4	85.7	.1	5.7
Durable Goods[e]	59.1	58.8	53.6	.5	10.3
Stone, clay, and glass products	9.6	9.6	9.4	.0	2.8
Fabricated metal products	10.4	10.5	8.5	-.7	22.5
Machinery, except electrical	10.6	10.5	10.0	.9	6.0
Electric and electronic equipment	10.9	10.9	10.6	-.1	3.2
Transportation equipment	8.9	8.7	7.1	3.2	25.2
Nondurable Goods[f]	31.4	31.6	32.0	-.6	-2.0
Food and kindred products	10.0	10.2	10.1	-1.4	-.1
Printing and publishing	7.9	8.0	8.3	-.9	-5.0
Chemicals and allied products	6.0	6.0	6.1	-.1	-1.1
Rubber and misc. plastics products	2.7	2.7	2.7	1.0	.0
NONMANUFACTURING[g]	423.5	422.5	418.2	.2	1.3
CONSTRUCTION	15.5	15.9	15.6	-2.5	-.7
TRANSPORTATION AND PUBLIC UTILITIES	22.2	22.3	23.1	-.7	-4.0
Communication, electric, gas services	10.6	10.6	11.0	-.1	-3.9
WHOLESALE TRADE	27.4	27.5	27.2	-.1	1.0
RETAIL TRADE	96.5	94.6	95.9	2.0	.7
FINANCE, INSURANCE, AND REAL ESTATE	43.3	43.3	41.8	.1	3.5
Banking	8.6	8.6	8.3	-.3	3.2
Insurance carriers	17.7	17.6	17.8	.2	-.6
SERVICES	114.7	115.0	111.7	-.2	2.7
GOVERNMENT	103.1	103.2	102.2	-.1	.9
Federal government	11.4	11.3	11.3	.4	.1
State government	48.6	49.0	49.2	-.9	-1.3
State government, except education	27.8	27.9	28.7	-.4	-3.0
State government education[i]	20.7	21.1	20.5	-1.7	1.0
Local government	43.2	42.9	41.7	.8	3.7
Local government, except education	17.5	17.6	17.5	-.3	.5
Local government education	25.7	25.3	24.2	1.6	6.0

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Columbus area is defined as Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. Based on March 1982 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes. [i] Includes State Universities, State Schools for Deaf and Blind, and the State Library. Excludes hospitals, the agricultural extension service, agricultural research centers, and departments coordinating and administering education programs (notably, the Ohio Department of Education).

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN COLUMBUS METROPOLITAN AREA[a]
NOVEMBER 1983

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	November 1983[b]	October 1983[c]	November 1982[c]	Nov. 1983[b]	Oct. 1983[c]	Nov. 1982[c]	Nov. 1983[b]	Oct. 1983[c]	Nov. 1982[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$421.41	$414.51	$382.85	41.6	41.0	40.3	$10.13	$10.11	$ 9.50
Durable Goods[d]	444.37	435.53	397.39	42.2	41.4	40.1	10.53	10.52	9.91
Stone, clay, and glass products	395.65	394.47	371.59	41.0	40.5	39.7	9.65	9.74	9.36
Fabricated metal products	544.13	538.16	452.99	43.6	43.4	40.7	12.48	12.40	11.13
Machinery, except electrical	397.88	375.84	380.55	42.6	40.5	40.7	9.34	9.28	9.35
Electric and electronic equipment	440.79	433.72	380.09	43.3	42.9	39.8	10.18	10.11	9.55
Transportation equipment	542.23	521.73	513.17	44.3	42.8	43.6	12.24	12.19	11.77
Nondurable Goods[e]	372.89	370.24	355.72	40.4	40.2	40.7	9.23	9.21	8.74
Food and kindred products	362.03	353.03	359.94	41.0	40.3	42.0	8.83	8.76	8.57
Printing and publishing	448.09	438.07	412.63	38.2	37.7	38.6	11.73	11.62	10.69
Chemicals and allied products	434.93	431.19	396.61	41.7	41.5	41.4	10.43	10.39	9.58
Rubber and misc. plastics products	300.05	312.44	284.72	41.5	42.8	40.5	7.23	7.30	7.03
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	471.83	490.20	480.25	36.1	38.0	36.3	13.07	12.90	13.23
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	488.03	485.61	449.16	40.3	40.1	39.4	12.11	12.11	11.40
WHOLESALE TRADE	289.52	297.00	313.24	38.5	39.6	39.5	7.52	7.50	7.93
RETAIL TRADE[f]	163.85	164.71	154.12	29.0	29.1	28.7	5.65	5.66	5.37
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
Banking	231.56	236.05	224.01	....	....	....	....	....	....
Insurance carriers	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
Federal government	......	......	......	....	....	....	....	....	....
State government	......	......	......	....	....	....	....	....	....
State government, except education	......	......	......	....	....	....	....	....	....
State government education	......	......	......	....	....	....	....	....	....
Local government	......	......	......	....	....	....	....	....	....
Local government, except education	......	......	......	....	....	....	....	....	....
Local government education	......	......	......	....	....	....	....	....	....

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Columbus area is defined as Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN DAYTON METROPOLITAN AREA[a]
NOVEMBER 1983

Industry	Employment (in thousands)			Percent Change From[d]	
	November 1983[b]	October 1983[c]	November 1982[c]	October 1983	November 1982
TOTAL	343.4	341.8	335.7	.5	2.3
MANUFACTURING	90.2	89.2	82.9	1.1	8.8
Durable Goods[e]	62.5	61.8	57.4	1.2	9.0
Stone, clay, and glass products	2.2	2.2	1.8	.0	17.7
Fabricated metal products	7.0	7.0	6.3	.4	10.0
Machinery, except electrical	29.3	28.9	28.1	1.6	4.5
Metalworking machinery	6.1	6.0	6.2	1.1	- 1.9
Electric and electronic equipment	4.6	4.6	4.6	.7	- .6
Electrical industrial apparatus	2.6	2.6	2.6	.7	1.3
Transportation equipment	13.5	13.3	11.0	1.1	22.[illegible]
Nondurable Goods[f]	27.7	27.4	25.6	.9	8.3
Food and kindred products	3.1	3.1	3.0	- .4	3.7
Paper and allied products	5.6	5.4	5.2	3.3	8.0
Printing and publishing	7.4	7.4	7.4	.4	.6
Rubber and misc. plastics products	8.1	8.0	7.0	.9	16.1
NONMANUFACTURING[g]	253.1	252.6	252.8	.2	.1
CONSTRUCTION	9.9	10.1	9.9	- 1.9	- .7
TRANSPORTATION AND PUBLIC UTILITIES	12.3	12.3	12.5	- .3	- 1.5
Communication, electric, gas services	5.6	5.7	6.1	- .2	- 7.8
WHOLESALE TRADE	16.5	16.5	16.7	.3	- 1.0
RETAIL TRADE	55.6	54.8	56.4	1.4	- 1.4
FINANCE, INSURANCE, AND REAL ESTATE	13.7	13.8	13.4	- .5	2.6
SERVICES	77.3	77.5	75.6	- .2	2.2
GOVERNMENT	67.5	67.3	68.0	.3	- .6
Federal government	25.8	25.8	26.0	.0	- .5
State government (includes education)	6.0	6.0	5.7	- .6	4.3
Local government	35.7	35.5	36.3	.6	- 1.5
Local government, except education	12.8	12.9	12.9	- .6	- .7
Local government education	22.9	22.6	23.4	1.3	- 2.0

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Dayton area is defined as Greene, Miami, Montgomery, and Preble Counties. Based on March 1982 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN DAYTON METROPOLITAN AREA[a]
NOVEMBER 1983

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	November 1983[b]	October 1983[c]	November 1982[c]	Nov. 1983[b]	Oct. 1983[c]	Nov. 1982[c]	Nov. 1983[b]	Oct. 1983[c]	Nov. 1982[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$468.04	$463.72	$387.69	42.9	42.7	39.2	$10.91	$10.86	$ 9.89
Durable Goods[d]	474.14	462.01	383.38	43.3	42.7	39.2	10.95	10.82	9.78
Stone, clay, and glass products	374.00	376.40	377.90	40.0	40.0	41.3	9.35	9.41	9.15
Fabricated metal products	344.32	343.97	304.51	40.7	40.9	38.4	8.46	8.41	7.93
Machinery, except electrical	507.55	483.04	407.32	44.6	43.4	39.7	11.38	11.13	10.26
Metalworking machinery	484.37	466.58	411.03	45.1	44.1	40.1	10.74	10.58	10.25
Electric and electronic equipment	326.41	323.20	301.90	40.7	40.4	40.2	8.02	8.00	7.51
Electrical industrial apparatus	342.86	343.80	321.99	40.1	40.4	39.9	8.55	8.51	8.07
Transportation equipment	609.30	602.11	462.43	45.0	44.7	38.6	13.54	13.47	11.98
Nondurable Goods[e]	455.10	467.57	396.87	42.1	42.7	39.1	10.81	10.95	10.15
Food and kindred products	356.80	355.78	393.82	39.6	39.4	40.6	9.01	9.03	9.70
Paper and allied products	402.26	409.62	374.05	43.3	43.3	42.7	9.29	9.46	8.76
Printing and publishing	409.00	428.07	379.41	37.8	38.6	36.1	10.82	11.09	10.51
Rubber and misc. plastics products	587.85	607.81	468.60	44.5	45.7	38.6	13.21	13.30	12.14
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	527.12	529.20	490.52	37.2	37.8	35.7	14.17	14.00	13.74
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	491.27	477.96	434.27	40.5	40.3	39.3	12.13	11.86	11.05
WHOLESALE TRADE	346.44	345.20	323.46	42.3	42.2	41.1	8.19	8.18	7.87
RETAIL TRADE[f]	158.71	159.01	149.99	29.5	29.5	28.9	5.38	5.39	5.19
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
SERVICES	....	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
Federal government	......	......	......	....	....	....	....	....	....
State government (includes education)	......	......	......	....	....	....	....	....	....
Local government	......	......	......	....	....	....	....	....	....
Local government, except education	......	......	......	....	....	....	....	....	....
Local government education	......	......	......	....	....	....	....	....	....

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Dayton area is defined as Greene, Miami, Montgomery, and Preble Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN TOLEDO METROPOLITAN AREA[a]
NOVEMBER 1983

Industry	Employment (in thousands)			Percent Change From[d]	
	November 1983[b]	October 1983[c]	November 1982[c]	October 1983	November 1982
TOTAL	292.5	291.7	284.6	.3	2.8
MANUFACTURING	74.4	73.7	66.8	.9	11.4
Durable Goods[e]	58.2	57.2	51.7	1.7	12.7
Stone, clay, and glass products	11.7	11.7	11.5	.4	1.6
Primary metal industries	3.9	3.8	3.5	3.0	11.3
Fabricated metal products	8.4	8.3	7.0	1.2	19.6
Metal forgings and stampings	4.2	4.1	3.1	1.7	32.6
Machinery, except electrical	5.8	5.7	6.1	1.2	- 5.7
General industrial machinery	1.5	1.5	1.7	.5	- 12.0
Transportation equipment	20.7	20.2	16.0	2.4	29.8
Motor vehicles and equipment	19.5	19.0	14.7	2.5	32.4
Nondurable Goods[f]	16.2	16.5	15.1	- 1.9	6.9
Food and kindred products	4.1	4.4	3.9	- 7.6	3.7
Rubber and misc. plastics products	4.2	4.1	3.2	3.2	34.0
NONMANUFACTURING[g]	218.2	217.9	217.7	.1	.2
CONSTRUCTION	10.4	10.7	11.3	- 2.6	- 8.0
TRANSPORTATION AND PUBLIC UTILITIES	17.4	17.4	17.9	- .1	- 3.1
Communication, electric, gas services	7.4	7.4	7.6	- .2	- 3.9
WHOLESALE TRADE	14.3	14.3	14.5	- .2	- 1.5
RETAIL TRADE	50.4	49.7	51.1	1.3	- 1.5
FINANCE, INSURANCE, AND REAL ESTATE	11.0	11.0	10.8	- .3	1.8
SERVICES	66.2	66.6	64.7	- .6	2.4
GOVERNMENT	48.0	47.7	46.9	.6	2.2
State government (includes education)	15.2	15.3	15.0	- .1	1.9
Local government	30.0	29.7	29.2	1.1	2.8
Local government, except education	11.6	11.6	10.9	- .1	6.2
Local government education	18.4	18.1	18.3	1.8	.8

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[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Toledo area is defined as Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. Based on March 1982 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; electric and electronic equipment; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

Labor Market Information Division
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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN TOLEDO METROPOLITAN AREA[a]
NOVEMBER 1983

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	November 1983[b]	October 1983[c]	November 1982[c]	Nov. 1983[b]	Oct. 1983[c]	Nov. 1982[c]	Nov. 1983[b]	Oct. 1983[c]	Nov. 1982[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$513.53	$501.78	$454.71	44.5	43.9	41.3	$11.54	$11.43	$11.01
Durable Goods[d]	540.43	525.70	465.45	45.3	44.4	41.3	11.93	11.84	11.27
Stone, clay, and glass products	518.32	514.79	466.23	44.0	43.7	42.5	11.78	11.78	10.97
Primary metal industries	504.33	515.98	426.54	46.1	47.6	40.7	10.94	10.84	10.48
Fabricated metal products	519.61	507.68	445.30	45.5	44.3	41.5	11.42	11.46	10.73
Metal forgings and stampings	555.27	543.42	491.66	44.6	43.3	40.7	12.45	12.55	12.08
Machinery, except electrical	462.67	445.77	412.63	42.8	41.7	40.1	10.81	10.69	10.29
General industrial machinery	506.33	498.67	464.52	42.3	41.8	39.5	11.97	11.93	11.76
Transportation equipment	618.52	589.68	521.93	47.0	45.5	41.0	13.16	12.96	12.73
Motor vehicles and equipment	617.58	587.48	517.30	47.0	45.4	40.7	13.14	12.94	12.71
Nondurable Goods[e]	410.02	410.89	413.83	41.5	41.8	41.3	9.88	9.83	10.02
Food and kindred products	436.38	432.29	421.82	42.0	43.1	41.6	10.39	10.03	10.14
Rubber and misc. plastics products	346.53	349.85	339.76	41.7	41.5	40.4	8.31	8.43	8.41
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	604.90	621.59	642.61	36.2	37.4	39.4	16.71	16.62	16.31
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	495.72	485.17	461.09	40.8	40.6	40.2	12.15	11.95	11.47
WHOLESALE TRADE	337.92	339.46	332.72	38.4	38.4	38.2	8.80	8.84	8.71
RETAIL TRADE[f]	162.13	163.25	157.28	28.9	29.1	28.7	5.61	5.61	5.48
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
State government (includes education)	......	......	......	....	....	....	....	....	....
Local government	......	......	......	....	....	....	....	....	....
Local government, except education	......	......	......	....	....	....	....	....	....
Local government education	......	......	......	....	....	....	....	....	....

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[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Toledo area is defined as Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; furniture and fixtures; electric and electronic equipment; instruments and related products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN YOUNGSTOWN-WARREN METROPOLITAN AREA[a]
NOVEMBER 1983

Industry	Employment (in thousands)			Percent Change From[d]	
	November 1983[b]	October 1983[c]	November 1982[c]	October 1983	November 1982
TOTAL	185.9	185.3	177.3	.3	4.8
MANUFACTURING	56.3	56.2	47.6	.2	18.2
Durable Goods[e]	51.0	51.0	42.5	.1	20.1
Stone, clay, and glass products	1.9	2.0	1.7	- 4.6	10.0
Primary metal industries	24.3	24.1	20.1	.8	20.6
Blast furnace and basic steel products	10.1	10.0	9.3	.9	8.4
Fabricated metal products	8.8	8.8	7.9	.1	11.7
Fabricated structural metal products	2.2	2.3	2.4	- .1	- 8.0
Machinery, except electrical	3.3	3.3	4.3	- 1.6	- 24.3
Metalworking machinery	1.2	1.2	2.2	- 1.3	- 45.9
Electric and electronic equipment	2.6	2.6	2.7	.0	- 4.4
Transportation equipment	8.6[h]	8.6[h]	3.9	- .1	118.7
Nondurable Goods[f]	5.3	5.2	5.1	1.4	2.6
NONMANUFACTURING[g]	129.6	129.1	129.7	.4	- .1
CONSTRUCTION	5.2	5.4	5.5	- 3.4	- 4.3
TRANSPORTATION AND PUBLIC UTILITIES	7.9	7.9	8.2	.0	- 3.8
Communication, electric, gas services	3.1	3.1	3.2	.2	- 2.9
WHOLESALE TRADE	8.0	8.0	8.0	1.0	.3
RETAIL TRADE	34.7	34.5	35.8	.4	- 3.2
FINANCE, INSURANCE, AND REAL ESTATE	7.2	7.2	7.1	- .1	1.6
SERVICES	41.0	41.1	39.7	- .2	3.2
GOVERNMENT	24.6	24.0	24.4	2.3	.8
Local government (includes education)	18.7	18.6	18.6	.8	.7

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Youngstown-Warren area is defined as Mahoning and Trumbull Counties. Based on March 1982 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; instruments and related products; miscellaneous manufacturing. [f] Includes food and kindred products; tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and misc. plastics products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN YOUNGSTOWN-WARREN METROPOLITAN AREA[a]
NOVEMBER 1983

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	November 1983[b]	October 1983[c]	November 1982[c]	Nov. 1983[b]	Oct. 1983[c]	Nov. 1982[c]	Nov. 1983[b]	Oct. 1983[c]	Nov. 1982[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$546.69	$552.26	$461.34	43.7	43.9	39.6	$12.51	$12.58	$11.65
Durable Goods[d]	563.64	569.30	474.01	44.0	44.2	39.6	12.81	12.88	11.97
Stone, clay, and glass products	365.31	367.43	340.56	40.1	40.6	39.6	9.11	9.05	8.60
Primary metal industries	532.52	541.44	489.72	40.9	41.3	37.7	13.02	13.11	12.99
Blast furnace and basic steel products	497.14	488.58	495.72	38.9	38.2	36.0	12.78	12.79	13.77
Fabricated metal products	651.75	649.07	458.25	47.4	47.0	39.2	13.75	13.81	11.69
Fabricated structural metal products .	453.68	419.05	379.08	42.8	40.1	39.0	10.60	10.45	9.72
Machinery, except electrical	447.37	437.72	460.60	38.6	37.8	39.1	11.59	11.58	11.78
Metalworking machinery	448.72	436.18	502.49	40.1	38.6	41.7	11.19	11.30	12.05
Electric and electronic equipment	410.69	415.33	397.85	41.4	41.7	41.4	9.92	9.96	9.61
Transportation equipment	706.22	729.81	608.62	51.7	53.0	47.4	13.66	13.77	12.84
Nondurable Goods[e]	363.80	353.28	350.06	41.2	40.1	39.6	8.83	8.81	8.84
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	521.04	560.13	562.91	33.9	35.7	36.2	15.37	15.69	15.55
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services ..	475.99	482.73	439.79	40.1	40.6	39.8	11.87	11.89	11.05
WHOLESALE TRADE	334.88	328.13	310.10	36.4	35.9	36.1	9.20	9.14	8.59
RETAIL TRADE[f]	167.87	168.13	157.14	29.4	29.6	29.1	5.71	5.68	5.40
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
Local government (includes education) ..	......	......	......	....	....	....	....	....	....

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Youngstown-Warren area is defined as Mahoning and Trumbull Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; furniture and fixtures; instruments and related products; miscellaneous manufacturing. [e] Includes food and kindred products; tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and misc. plastics products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

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NOTES ON OHIO EMPLOYMENT, HOURS, AND EARNINGS ESTIMATES

Civilian Labor Force Estimates

Civilian Labor Force.—Estimated number of workers 16 years of age and over, employed or unemployed during week including 12th of month, distributed by place of residence.

Total Employed.—Includes nonagricultural wage and salary workers, the self-employed, unpaid family workers, domestics, agricultural workers, and persons involved in labor disputes. Estimates of self-employed, domestics, and unpaid family workers based on data from U.S. Department of Labor and Bureau of the Census. Agricultural worker estimates derived from information supplied by U.S. Department of Agriculture. Estimates of workers involved in labor disputes based in part upon data from Federal Mediation and Conciliation Service. Employment distributed by place of residence.

Total Unemployed.—Estimated number of persons, by place of residence, who did not work during reference week and were looking for work, whether or not eligible for unemployment compensation. Includes those who did not work and were waiting to be called back to an old job or to report to a new job.

Nonagricultural Wage and Salary Employment

Collection.—Nonagricultural wage and salary employment as well as hours and earnings estimates based on monthly reports from sample of employers. Under cooperative arrangement with U.S. Bureau of Labor Statistics, Division of Research and Statistics of Ohio Bureau of Employment Services mails, edits, and processes Ohio reports, which are subsequently incorporated in national data.

Industrial Classification.—Employer establishments classified by industry on basis of their principal product or service. The Standard Industrial Classification Manual (U.S. Office of Management and Budget, Washington, D. C., 1972, amended 1977) used for classification.

Coverage.—Monthly reports on employment and (for most industries) payroll and hours obtained from approximately 8,000 Ohio employers.

Coverage of Ohio Nonagricultural Employment Sample

Industry Division	Approximate Percentage Covered by Sample
Total	43
Manufacturing	62
Nonmanufacturing	35
Mining	63
Construction	24
Transportation and Public Utilities	47
Wholesale Trade	19
Retail Trade	18
Finance, Insurance, and Real Estate	47
Services and Miscellaneous	21
Government	68

Nonagricultural Employment.—Persons who worked during, or received pay for, any part of pay periods which include 12th of month, distributed by place of employment. Includes persons on paid sick leave, paid holiday, or paid vacation. Excluded are persons laid off, on strike, or on unpaid vacation during entire reporting period. Proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers also excluded. Government employment covers only civilian employees. Full-time teachers considered employed during the summer vacation period, whether or not paid in those months.

Estimating Method.—Total employment is estimated from the employment of establishments reporting for two consecutive months, as follows:

$$\underset{\text{(current month)}}{\text{Total Employment}} = \underset{\text{(previous month)}}{\text{Total Employment}} \times \frac{\text{Sample Employment (current month)}}{\text{Sample Employment (previous month)}}$$

Benchmark Data.—Employment estimates compared annually with complete count of employment, by industry. Where revisions necessary, monthly estimates adjusted to new benchmark. Following revisions to new benchmark, industry data projected forward to current month by use of sample trends. Basic source of benchmark information is tabulations of employment data, by industry and area, compiled from contribution reports of employers covered under Ohio Unemployment Compensation Law.

Hours and Earnings

Method of Computing Averages.—Average hours computed by dividing total production worker hours worked during one week (the seven-day period which include 12th of month) by number of production workers reported for such week. Average hourly earnings computed by dividing total production worker payroll for one week by total production worker hours for week. Average weekly earnings derived by multiplying average hourly earnings by average weekly hours.

Definitions.—Definitions of production or similar workers, payroll, and hours—from which average hours and earnings data are derived—follow:

Production Workers.—Includes working supervisors and all nonsupervisory workers (including group leaders and trainees) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping, maintenance, repair, janitorial and guard services, product development, auxiliary production for plant's own use (such as power plant), and record keeping and other services closely associated with production operations.

Nonsupervisory Workers.—Includes employees (not above working supervisory level) such as office and clerical workers, repairers, salespersons, operators, drivers, attendants, service employees, line installers, laborers, accountants, janitors, guards, and other employees whose services are closely associated with those of occupations listed.

Payroll.—Represents payroll for full- and part-time production, construction, or nonsupervisory workers who received pay for any part of pay periods which include 12th of month. Payroll is reported before deductions for social security, group insurance, withholding tax, bonds, and union dues; also includes pay for overtime, holidays, vacations, and sick leave paid directly by the firm. Bonuses (unless earned and paid regularly each pay period), tips, pay not earned in pay period reported (such as retroactive pay), and value of free rent, fuel, meals, or other payments in kind, excluded.

Hours.—Represents hours worked or paid for, during pay periods which include 12th of month, for production, construction, or nonsupervisory workers. Hours include time paid for holidays and vacations, and for sick leave when pay received directly from firm.

Labor Market Information Division
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Columbus 43216

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Ohio Labor Market Information
BUREAU OF EMPLOYMENT SERVICES
JOB SERVICE OF OHIO

RICHARD F. CELESTE, *Governor*
DR. ROBERTA STEINBACHER, *Administrator*

EMPLOYMENT, HOURS, AND EARNINGS IN OHIO
DECEMBER 1983

Summary: Unemployment in Ohio dropped from 566,000 in November to 530,000 in December, lowering the jobless rate from 11.0 to 10.5 percent of the civilian labor force. Total employment declined 1.5 percent, to 4,530,000. Nonfarm payroll employment slipped fractionally, to 4,183,000, as seasonal hiring in retailing tempered cutbacks in construction, manufacturing, and services.

Factory Employment: Employment in Ohio's manufacturing industries totaled 1,116,000 in December, .3 percent below November. Over half of the decrease occurred in motor vehicles as parts shortages forced the temporary shutdown of a large assembly plant. Producers of glassware and hand tools also reported layoffs due to plant shutdowns in December. Declines in pottery and fabricated structural metals were attributable to lack of orders. Producers of nonelectrical machinery, on the other hand, reported recalls, while a dispute settlement restored employment in the production of aircraft components.

Nonmanufacturing Employment: Nonmanufacturing industries in Ohio employed 3,068,000 workers in December--on par with the previous month. Seasonal hiring among department, apparel, and food stores boosted retailing to its year-end peak. Settlement of the nationwide bus drivers' strike was chiefly responsible for the gain in transportation. Gains were moderated, however, by seasonal declines in construction and private educational services.

Factory Earnings: Gross earnings of Ohio's factory production workers reached an all-time high for the fourth consecutive month--$462.44 per week in December, nearly $5 above the November figure. The average workweek, at 42.7 hours, was .2 hours longer. Moderate overtime increases boosted earnings in the production of nonferrous castings, plastics and synthetics, and dairy products. Producers of metalworking machinery reported longer workweeks with some additional premium overtime. Overtime curtailments, however, were reported in lumber and wood products, and by a few commercial printers.

Over the Year: The number of jobless Ohioans decreased by nearly 185,000 between December 1982 and December 1983, dropping the unemployment rate from 14.1 to 10.5 percent. Total employment rose 4.3 percent above the year-ago figure as nonfarm payroll employment advanced 2.0 percent. Transportation equipment, primary metals and metal fabricating accounted for nearly two-thirds of the gain in manufacturing. Increases in services and finance boosted nonmanufacturing, although retailing, transportation/utilities, and construction remained below their year-earlier levels. Factory production workers averaged two full hours more per week in December 1983 than in December 1982, as gross weekly earnings climbed $45 over the year.

For additional information, write DIXIE SOMMERS, *Director*
Labor Market Information Division, BUREAU OF EMPLOYMENT SERVICES, COLUMBUS 43216

EMPLOYMENT, HOURS, AND EARNINGS IN MAJOR METROPOLITAN AREAS

Akron.--Nonfarm wage and salary employment in the Akron area totaled 256,100 in December, on par with the previous month. Nonmanufacturing increased fractionally, as seasonal curtailments in construction and services countered gains in retailing. Factory employment was also little changed, dipping to 68,300 in December. Production workers in the manufacturing industries grossed $10.88 per hour for a workweek of 44.2 hours in December--3¢ and .2 hours above their November averages.

Canton.--Canton's nonagricultural payroll employment slipped 200 from November, to 150,700 in December. Manufacturing--at 46,800--showed a minimal decline, mainly among primary metal industries. Nonmanufacturing held its own as hiring among department and apparel stores offset seasonal losses elsewhere. Factory production workers averaged $10.92 per hour in December, up 8¢ from November. Their average workweek, at 40.8 hours, was slightly longer.

Cincinnati.--Nonfarm industries in the Cincinnati area employed 581,200 workers in December, down 1,800 from November. Most of the job loss in manufacturing--down 3,400, to 146,000--occurred as materials shortages forced a temporary shutdown at a large auto assembly facility. Despite layoffs in construction and educational services, nonmanufacturing advanced as retailers added temporary personnel. Average hourly earnings of factory production workers, at $10.30 in December, were down 4¢ from the previous month. The average workweek was extended by .4 hours, to 42.4.

Cleveland.--Nonfarm payroll employment in Cleveland advanced 2,300 from November, to 840,100 in December. Nonmanufacturing accounted for over four-fifths of the gain, due to the seasonal pickup in retailing and a dispute settlement in passenger transportation. Factory employment advanced 500, to 216,900, with much of the increase scattered among durable-goods industries. The average factory workweek, at 42.1 hours, was .3 hours longer. Production workers grossed $10.64 per hour in December, slightly above their November average.

Columbus.--Nonagricultural wage and salary employment in the Columbus area totaled 516,100 in December, up 1,000 from the previous month. Pre-holiday gains in retail trade, augmented by hiring among state and local schools, boosted nonmanufacturing. Factory employment slipped 900, to 89,700, due largely to a shutdown for repairs at a glassware plant. Production workers in the area's manufacturing establishments averaged $10.24 per hour for a 42.1 hour workweek in December, 10¢ and half-an-hour above November figures.

Dayton.--Dayton's nonfarm payroll employment rose 600 from November, to 344,200 in December. Several durable-goods producers reported moderate gains as manufacturing advanced 400, to 90,700. Nonmanufacturing was up only slightly, as seasonal cutbacks in construction and public and private education offset most of the year-end retail boom. Hourly earnings of Dayton's factory production workers, at $11.07 in December, were up 16¢ from November. The average workweek--43.9 hours--was longer by 1.1 hours.

Toledo.--Nonagricultural employment in Toledo totaled 293,500 in December, fractionally above November. Manufacturing, at 74,600, was little changed. Nonmanufacturing increased marginally as layoffs in construction tempered increases elsewhere. Factory production workers averaged $11.52 per hour for a 44.4 hour workweek--down 5¢ and .1 hour from November.

Youngstown-Warren.--Nonfarm establishments in the Youngstown-Warren area employed 185,900 workers in December--on par with November. Manufacturing was up 500, to 56,900, due chiefly to a dispute settlement in transportation equipment. Seasonal cutbacks in construction and schools lowered nonmanufacturing. The average factory workweek dipped .4 hours, to 43.2. Earnings, at $12.68 per hour, were 14¢ higher than in November.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 1-20-84

EMPLOYMENT IN MAJOR METROPOLITAN AREAS[a]

Year and Month	Akron[b]	Canton[c]	Cincinnati[d]	Cleveland[e]	Columbus[f]	Dayton[g]	Toledo[h]	Youngstown-Warren[j]
	NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT (in thousands)							
1972	248.1	139.8	512.0	838.0	431.6	325.5	272.4	201.1
1973	255.1	147.9	534.5	865.2	451.0	335.6	285.8	211.6
1974	259.0	152.1	542.2	879.2	457.6	334.9	285.6	213.5
1975	248.4	145.0	531.2	850.6	445.4	321.4	275.5	200.7
1976	247.3	145.9	541.9	860.0	456.1	331.5	282.6	203.5
1977	259.3	149.8	562.1	880.9	471.6	343.1	292.1	208.0
1978	266.6	156.1	591.2	905.8	493.8	358.5	302.1	210.3
1979	270.9	160.7	607.4	919.8	507.3	364.9	306.0	213.9
1980	262.4	157.1	600.6	895.6	509.8	355.7	293.1	203.1
1981	259.6	156.6	592.2	880.7	506.6	352.5	290.9	198.7
1982	250.8	149.7	575.5	847.5	497.9	337.0	282.2	182.2
1982								
December.	250.4	147.3	574.8	837.3	504.0	336.4	282.8	177.8
1983								
January .	243.4	144.5	561.1	815.6	491.5	330.3	277.4	175.6
February.	245.9	144.6	558.8	816.5	492.0	330.6	275.8	176.2
March ...	247.0	145.0	561.7	820.8	494.2	332.3	274.4	179.5
April ...	248.9	146.6	570.4	825.8	497.9	334.0	279.8	181.0
May	251.5	148.1	574.4	831.3	501.4	335.6	284.4	183.5
June	247.5	149.0	576.4	840.2	504.2	337.0	283.1	183.2
July	250.2	148.7	570.7	834.5	498.5	330.8	279.5	182.8
August ..	249.1	148.0	569.6	827.4	496.8	330.8	279.5	181.3
September	256.1	150.3	578.2	836.6	505.2	340.3	289.4	186.3
October .	255.0	150.0	581.5	837.5	513.2	341.9	291.7	185.3
November.	256.1	150.9	583.0	837.7	515.1	343.6	293.2	186.0
December.	256.1	150.7	581.2	840.1	516.1	344.2	293.5	185.9
	MANUFACTURING EMPLOYMENT (in thousands)							
1972	91.3	57.4	155.9	273.9	100.8	114.3	88.8	87.9
1973	94.0	61.7	165.5	288.1	106.0	117.7	93.4	93.0
1974	94.2	62.2	166.6	287.1	104.3	113.1	89.8	92.0
1975	84.5	55.3	153.9	260.3	93.1	100.1	80.7	80.8
1976	80.3	54.8	155.6	265.1	94.2	104.0	84.8	80.6
1977	85.6	56.0	161.1	270.8	98.9	109.2	88.2	81.1
1978	85.9	57.1	169.2	275.6	101.2	112.0	90.5	79.4
1979	85.6	59.1	173.1	276.3	101.1	109.5	88.6	79.9
1980	79.1	55.7	162.4	254.9	96.8	99.4	75.4	70.8
1981	75.7	54.8	157.3	246.8	93.1	97.8	74.6	67.3
1982	68.8	48.2	147.2	224.1	86.7	87.9	68.8	53.4
1982								
December.	65.3	44.7	145.0	210.3	84.6	83.4	65.4	48.6
1983								
January .	66.2	45.0	143.8	210.3	84.7	84.0	66.4	50.0
February.	67.1	45.3	142.6	210.5	85.8	84.7	65.5	50.9
March ...	67.0	45.2	142.7	210.7	85.9	85.1	62.7	53.7
April ...	67.3	45.3	143.8	210.8	86.6	85.8	66.2	54.3
May	67.2	45.7	143.6	211.4	86.9	86.2	68.3	54.8
June	67.0	46.4	145.0	212.4	87.2	86.5	69.4	54.3
July	67.6	46.4	144.5	210.8	87.2	85.7	69.4	55.0
August ..	67.7	46.1	146.4	211.1	88.0	86.6	70.5	54.3
September	68.0	46.6	145.9	214.6	89.0	89.1	73.3	56.4
October .	68.1	46.2	148.8	215.6	90.4	89.2	73.7	56.2
November.	68.4	46.9	149.4	216.4	90.6	90.3	74.4	56.4
December.	68.3	46.8	146.0	216.9	89.7	90.7	74.6	56.9

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. [b] Akron includes Portage and Summit Counties. [c] Canton includes Carroll and Stark Counties. [d] Cincinnati includes Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. [e] Cleveland includes Cuyahoga, Geauga, Lake, and Medina Counties. [f] Columbus includes Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. [g] Dayton includes Greene, Miami, Montgomery, and Preble Counties. [h] Toledo includes Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. [j] Youngstown-Warren includes Mahoning and Trumbull Counties.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

MANUFACTURING PRODUCTION WORKERS AND AVERAGE WEEKLY HOURS IN MAJOR METROPOLITAN AREAS[a]

Year and Month	Akron[b]	Canton[c]	Cincinnati[d]	Cleveland[e]	Columbus[f]	Dayton[g]	Toledo[h]	Youngstown–Warren[j]
	MANUFACTURING PRODUCTION WORKERS (in thousands)							
1972	53.5	42.2	110.7	188.7	71.0	83.4	63.8	70.2
1973	55.5	46.3	115.2	200.4	74.1	85.0	66.5	75.6
1974	56.1	46.9	115.3	199.5	71.2	79.5	63.1	74.2
1975	48.4	40.5	106.3	176.0	64.2	70.9	55.1	63.3
1976	44.5	40.4	107.8	180.9	65.4	73.4	59.3	63.3
1977	49.2	41.1	110.7	184.0	68.6	75.7	62.8	63.6
1978	49.4	42.2	116.4	188.0	70.1	77.5	64.1	62.5
1979	53.8	43.2	117.0	188.6	69.1	74.4	61.7	62.5
1980	47.5	40.1	106.6	169.2	64.6	65.5	49.6	54.1
1981	43.7	39.6	103.5	161.8	61.3	64.4	49.2	50.8
1982	37.2	33.7	96.1	142.5	55.6	55.8	45.1	38.5
1982								
December.	34.5	30.8	94.5	132.1	53.4	52.1	42.5	34.3
1983								
January .	35.4	31.2	93.3	132.0	53.6	52.6	43.5	35.6
February.	36.2	31.5	92.2	132.4	54.6	53.3	42.7	36.4
March ...	36.2	31.6	92.4	132.7	54.7	53.7	40.0	39.0
April ...	36.7	31.6	93.3	133.2	55.4	54.4	43.5	39.6
May	36.7	32.0	93.1	134.2	55.7	54.8	45.5	40.1
June	36.4	32.7	94.1	135.2	56.1	55.1	46.5	40.0
July	36.9	32.7	93.8	133.3	56.0	54.0	46.4	40.6
August ..	37.2	32.5	95.7	134.1	56.7	54.7	47.6	39.7
September	37.5	33.0	95.3	137.8	57.6	57.3	50.1	42.0
October .	37.7	32.6	98.1	138.8	58.9	57.7	50.7	41.8
November.	38.2	33.2	99.0	139.8	58.9	58.7	51.5	42.1
December.	38.1	33.1	95.7	140.1	58.6	59.1	51.5	42.4
	MANUFACTURING PRODUCTION WORKERS' AVERAGE WEEKLY HOURS							
1972	42.1	40.6	41.9	42.3	40.4	42.5	42.0	41.2
1973	43.0	41.0	42.2	43.2	40.8	43.3	43.1	42.9
1974	42.3	40.1	41.4	42.1	39.7	41.0	41.2	40.7
1975	41.1	39.4	40.8	40.4	39.6	41.3	40.4	38.6
1976	42.1	39.6	41.1	41.9	40.1	43.2	41.5	39.5
1977	42.3	39.7	41.6	42.8	40.3	43.5	42.7	40.4
1978	42.3	40.3	42.1	42.9	40.4	42.8	42.4	41.4
1979	41.6	40.9	41.5	42.2	40.1	42.1	40.9	40.7
1980	41.5	39.0	41.2	40.6	39.5	41.5	40.6	39.9
1981	41.8	40.0	41.1	41.1	40.0	41.4	40.9	40.8
1982	41.0	38.6	40.5	39.9	39.8	40.0	41.1	39.3
1982								
December.	41.6	39.1	41.5	39.9	40.5	40.3	41.1	40.3
1983								
January .	42.5	38.7	40.4	39.8	39.9	40.0	41.5	40.1
February.	42.5	38.6	40.4	39.8	40.0	40.2	41.6	40.6
March ...	43.3	39.1	40.8	40.1	40.4	40.8	42.0	41.1
April ...	42.5	39.5	40.8	40.4	40.2	41.1	42.5	41.3
May	42.6	38.9	40.8	40.6	40.3	41.1	42.7	42.4
June	42.3	39.8	41.3	41.3	40.8	42.0	42.2	41.4
July	42.4	38.8	40.9	40.6	40.5	42.1	41.9	42.7
August ..	42.9	39.2	40.8	41.0	40.5	42.1	42.6	41.3
September	43.5	40.8	41.3	41.7	40.8	43.0	43.9	42.4
October .	43.2	40.2	41.3	41.5	41.0	42.7	43.9	43.9
November.	44.0	40.7	42.0	41.8	41.6	42.8	44.5	43.6
December.	44.2	40.8	42.4	42.1	42.1	43.9	44.4	43.2

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Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

EARNINGS IN MAJOR METROPOLITAN AREAS[a]

Year and Month	Akron[b]	Canton[c]	Cincinnati[d]	Cleveland[e]	Columbus[f]	Dayton[g]	Toledo[h]	Youngstown-Warren[j]
	MANUFACTURING PRODUCTION WORKERS' AVERAGE HOURLY EARNINGS							
1972	$ 4.68	$ 4.48	$ 4.15	$ 4.50	$ 4.06	$ 4.74	$ 4.67	$ 4.88
1973	4.99	4.80	4.44	4.83	4.36	5.00	5.01	5.29
1974	5.28	5.24	4.82	5.21	4.73	5.29	5.39	5.80
1975	5.66	5.64	5.19	5.63	5.18	5.73	5.80	6.39
1976	6.02	6.18	5.65	6.22	5.64	6.28	6.32	7.02
1977	6.75	6.88	6.27	6.84	6.08	6.92	7.00	7.76
1978	7.19	7.56	6.81	7.50	6.55	7.38	7.53	8.54
1979	7.73	8.09	7.31	8.00	7.05	8.00	8.14	9.27
1980	8.72	8.79	8.06	8.63	7.73	8.65	8.90	10.27
1981	9.50	9.76	8.78	9.62	8.67	9.61	9.93	11.62
1982	9.83	10.22	9.57	10.10	9.31	10.02	10.89	11.72
1982								
December.	10.06	10.52	9.84	10.26	9.57	10.05	11.00	12.01
1983								
January .	10.21	10.56	9.85	10.29	9.62	10.16	11.10	12.00
February.	10.21	10.62	9.93	10.28	9.70	10.23	11.12	12.22
March ...	10.34	10.41	10.01	10.25	9.76	10.31	10.99	12.21
April ...	10.24	10.39	10.06	10.31	9.87	10.35	11.14	12.22
May	10.35	10.53	10.10	10.42	9.90	10.47	11.29	12.45
June	10.34	10.63	10.11	10.49	10.01	10.56	11.14	12.33
July	10.35	10.59	10.12	10.43	10.04	10.72	11.16	12.54
August ..	10.40	10.75	10.18	10.42	9.95	10.58	11.25	12.25
September	10.61	10.84	10.10	10.57	10.06	10.80	11.40	12.40
October .	10.82	10.78	10.23	10.55	10.11	10.86	11.43	12.58
November.	10.85	10.84	10.34	10.62	10.14	10.91	11.57	12.54
December.	10.88	10.92	10.30	10.64	10.24	11.07	11.52	12.68
	MANUFACTURING PRODUCTION WORKERS' AVERAGE WEEKLY EARNINGS							
1972	$197.03	$181.89	$173.89	$190.35	$164.02	$201.45	$196.14	$201.06
1973	214.57	196.80	187.37	208.66	177.89	216.50	215.93	226.94
1974	223.34	210.12	199.55	219.34	187.78	216.89	222.07	236.06
1975	232.63	222.22	211.75	227.45	205.13	236.65	234.32	246.65
1976	253.44	244.73	232.22	260.62	226.16	271.30	262.28	277.29
1977	285.53	273.14	260.89	292.75	245.02	301.02	298.90	313.50
1978	304.14	304.67	286.70	321.75	264.62	315.86	319.27	353.56
1979	321.57	330.88	303.37	337.60	282.71	336.80	332.93	377.29
1980	361.88	342.81	332.07	350.38	305.34	358.98	361.34	409.77
1981	397.10	390.40	360.86	395.38	346.80	397.85	406.14	474.10
1982	403.03	394.49	387.59	402.99	370.54	400.80	447.58	460.60
1982								
December.	418.50	411.33	408.36	409.37	387.59	405.02	452.10	484.00
1983								
January .	433.93	408.67	397.94	409.54	383.84	406.40	460.65	481.20
February.	433.93	409.93	401.17	409.14	388.00	411.25	462.59	496.13
March ...	447.72	407.03	408.41	411.03	394.30	420.65	461.58	501.83
April ...	435.20	410.41	410.45	416.52	396.77	425.39	473.45	504.69
May	440.91	409.62	412.08	423.05	398.97	430.32	482.08	527.88
June	437.38	423.07	417.5[illegible]	433.24	408.41	443.52	470.11	510.46
July	438.84	410.89	413.91	423.46	406.62	451.31	467.60	535.46
August ..	446.16	421.40	415.34	427.22	402.98	445.42	479.25	505.93
September	461.54	442.27	417.13	440.77	410.45	464.40	500.46	525.76
October .	467.42	433.36	422.50	437.83	414.51	463.72	501.78	552.26
November.	477.40	441.19	434.28	443.92	421.82	466.95	514.87	546.74
December.	480.90	445.54	436.72	447.94	431.10	485.97	511.49	547.78

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. [b] Akron includes Portage and Summit Counties. [c] Canton includes Carroll and Stark Counties. [d] Cincinnati includes Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. [e] Cleveland includes Cuyahoga, Geauga, Lake, and Medina Counties. [f] Columbus includes Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. [g] Dayton includes Greene, Miami, Montgomery, and Preble Counties. [h] Toledo includes Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. [j] Youngstown-Warren includes Mahoning and Trumbull Counties.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

CIVILIAN LABOR FORCE ESTIMATES FOR MAJOR METROPOLITAN AREAS[a]

(In thousands)

Year and Month	Civilian Labor Force	Total Employed	Unemployed		Year and Month	Civilian Labor Force	Total Employed	Unemployed	
			Total Unemployed	Unemployment Rate				Total Unemployed	Unemployment Rate
AKRON[b]					CANTON[c]				
1972	282.2	267.3	14.8	5.3	1972	165.6	155.3	10.3	6.2
1973	287.1	274.9	12.2	4.3	1973	171.2	163.1	8.1	4.7
1974	290.8	277.7	13.0	4.5	1974	175.6	167.5	8.1	4.6
1975	292.0	264.3	27.7	9.5	1975	174.7	158.0	16.7	9.6
1976	291.3	266.3	25.0	8.6	1976	174.4	158.6	15.8	9.1
1977	294.2	274.7	19.5	6.6	1977	175.9	163.1	12.9	7.3
1978	298.9	282.2	16.7	5.6	1978	179.9	170.0	9.9	5.5
1979	303.8	285.4	18.4	6.1	1979	184.3	173.7	10.6	5.7
1980	304.5	278.3	26.2	8.6	1980	187.7	170.9	16.8	8.9
1981	304.1	274.9	29.1	9.6	1981	188.4	170.1	18.2	9.7
1982	305.8	269.4	36.4	11.9	1982	192.5	165.1	27.4	14.3
1982					1982				
November ...	304.7	264.7	39.9	13.1	November .	192.9	160.0	32.9	17.1
December ...	304.5	262.9	41.6	13.7	December .	191.0	159.0	32.0	16.8
1983					1983				
January	296.9	252.3	44.6	15.0	January ..	187.4	153.9	33.5	17.9
February ...	297.1	254.7	42.5	14.3	February .	186.5	154.0	32.5	17.4
March	301.8	261.4	40.4	13.4	March	189.0	157.9	31.1	16.5
April	306.7	267.5	39.2	12.8	April	191.6	161.7	29.9	15.6
May	311.6	271.5	40.1	12.9	May	194.6	164.2	30.3	15.6
June	311.8	272.9	38.9	12.5	June	196.7	167.9	28.8	14.6
July	319.1	285.2	33.9	10.6	July	198.0	173.7	24.3	12.3
August	315.2	282.9	32.3	10.2	August ...	196.2	172.1	24.1	12.3
September ..	311.8	277.9	33.9	10.9	September.	192.0	167.6	24.4	12.7
October	314.6	280.6	34.0	10.8	October ..	194.4	169.7	24.7	12.7
November[p] ..	315.9	280.2	35.7	11.3	November[p].	194.6	169.4	25.2	13.0
CINCINNATI[d]					CLEVELAND[e]				
1972	561.0	529.0	32.0	5.7	1972	873.2	825.2	48.0	5.5
1973	572.0	543.0	29.0	5.1	1973	883.9	849.0	34.9	3.9
1974	595.3	569.8	25.5	4.3	1974	899.1	861.4	37.7	4.2
1975	595.3	551.6	43.6	7.3	1975	896.9	826.3	70.6	7.9
1976	604.8	566.6	38.2	6.3	1976	897.7	834.4	63.3	7.0
1977	623.4	588.7	34.7	5.6	1977	908.5	854.4	54.0	5.9
1978	648.3	615.8	32.5	5.0	1978	921.7	878.5	43.2	4.7
1979	663.4	628.1	35.3	5.3	1979	935.8	889.1	46.7	5.0
1980	676.2	628.6	47.5	7.0	1980	937.1	869.1	68.0	7.3
1981	678.5	619.3	59.1	8.7	1981	933.9	854.0	79.8	8.5
1982	682.0	610.4	71.6	10.5	1982	933.7	833.8	100.0	10.7
1982					1982				
November ...	677.5	602.5	75.0	11.1	November .	926.6	811.3	115.3	12.4
December ...	673.3	598.8	74.5	11.1	December .	921.5	807.1	114.3	12.4
1983					1983				
January	661.5	580.1	81.3	12.3	January ..	895.2	776.5	118.7	13.3
February ...	655.9	577.2	78.7	12.0	February .	893.4	776.7	116.7	13.1
March	667.8	590.2	77.6	11.6	March	913.3	797.9	115.5	12.6
April	674.9	604.1	70.8	10.5	April	923.2	813.0	110.2	11.9
May	683.3	609.9	73.4	10.7	May	935.7	821.5	114.1	12.2
June	694.4	620.1	74.3	10.7	June	961.0	843.8	117.3	12.2
July	697.9	632.7	65.2	9.3	July	968.7	869.0	99.7	10.3
August	693.0	629.8	63.2	9.1	August ...	959.1	860.8	98.3	10.3
September ..	683.3	616.6	66.7	9.8	September.	931.8	832.1	99.8	10.7
October	689.6	627.2	62.4	9.0	October ..	941.3	844.4	97.0	10.3
November[p] ..	694.1	628.4	65.7	9.5	November[p].	941.3	842.1	99.2	10.5

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[a] Estimated in cooperation with U.S. Department of Labor. Data not seasonally adjusted. Subtotals may not add to totals due to rounding. Rates computed from unrounded figures. [b] Defined as Portage and Summit Counties. [c] Defined as Carroll and Stark Counties. [d] Defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; and Boone, Campbell, and Kenton Counties, Kentucky. [e] Defined as Cuyahoga, Geauga, Lake, and Medina Counties. [p] Preliminary.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

CIVILIAN LABOR FORCE ESTIMATES FOR MAJOR METROPOLITAN AREAS[a]
(In thousands)

Year and Month	Civilian Labor Force	Total Employed	Unemployed: Total Unemployed	Unemployed: Unemployment Rate	Year and Month	Civilian Labor Force	Total Employed	Unemployed: Total Unemployed	Unemployed: Unemployment Rate
COLUMBUS[f]					DAYTON[g]				
1972	469.1	450.2	18.9	4.0	1972	353.5	336.2	17.3	4.9
1973	485.5	468.3	17.1	3.5	1973	358.0	343.5	14.5	4.1
1974	495.4	475.5	19.9	4.0	1974	359.5	342.5	17.0	4.7
1975	495.0	458.6	36.5	7.4	1975	357.6	327.7	29.9	8.4
1976	503.6	468.5	35.1	7.0	1976	360.5	336.3	24.2	6.7
1977	513.4	483.3	30.1	5.9	1977	368.6	348.3	20.3	5.5
1978	531.4	506.5	24.9	4.7	1978	381.1	363.7	17.3	4.6
1979	543.0	517.1	25.8	4.8	1979	392.2	367.9	24.2	6.2
1980	554.7	523.4	31.4	5.7	1980	390.2	361.0	29.2	7.5
1981	562.4	519.1	43.3	7.7	1981	390.8	357.9	32.8	8.4
1982	568.8	518.0	50.8	8.9	1982	391.1	347.0	44.2	11.3
1982					1982				
November ...	567.1	513.4	53.6	9.5	November .	386.5	338.7	47.8	12.4
December ...	564.0	512.3	51.8	9.2	December .	385.3	338.5	46.8	12.1
1983					1983				
January	548.2	492.8	55.4	10.1	January ..	375.8	327.8	47.9	12.8
February ...	547.5	493.6	53.9	9.9	February .	374.6	328.3	46.3	12.4
March	561.1	507.3	53.8	9.6	March	381.7	337.5	44.2	11.6
April	570.5	517.7	52.8	9.3	April	386.2	343.8	42.3	11.0
May	577.9	524.0	53.9	9.3	May	388.9	347.4	41.5	10.7
June	592.9	535.7	57.2	9.7	June	398.8	354.5	44.3	11.1
July	600.6	549.7	50.9	8.5	July	399.1	361.6	37.6	9.4
August	593.7	546.3	47.4	8.0	August ...	396.3	359.1	37.2	9.4
September ..	581.0	531.8	49.2	8.5	September.	390.4	354.5	35.9	9.2
October	595.9	546.5	49.4	8.3	October ..	395.8	360.9	34.8	8.8
November[p] ..	596.2	545.4	50.7	8.5	November[p].	397.1	360.4	36.7	9.2
TOLEDO[h]					YOUNGSTOWN-WARREN[i]				
1972	329.4	311.3	18.1	5.5	1972	226.9	212.1	14.8	6.5
1973	339.8	324.2	15.6	4.6	1973	232.5	221.8	10.8	4.6
1974	343.8	324.2	19.7	5.7	1974	236.7	223.7	13.0	5.5
1975	344.8	310.2	34.6	10.0	1975	236.7	209.8	26.9	11.4
1976	347.8	319.4	28.4	8.2	1976	234.2	210.5	23.7	10.1
1977	355.0	329.4	25.6	7.2	1977	234.0	215.0	19.0	8.1
1978	362.1	339.7	22.4	6.2	1978	235.2	217.5	17.7	7.5
1979	368.2	341.7	26.4	7.2	1979	237.1	219.9	17.1	7.2
1980	368.2	329.8	38.4	10.4	1980	238.9	210.5	28.4	11.9
1981	367.4	328.0	39.4	10.7	1981	234.0	205.7	28.2	12.1
1982	368.7	322.7	46.1	12.5	1982	237.7	191.5	46.2	19.4
1982					1982				
November ...	367.5	318.9	48.6	13.2	November .	237.7	183.0	54.7	23.0
December ...	368.8	316.2	52.6	14.3	December .	234.2	183.1	51.1	21.8
1983					1983				
January	359.5	307.3	52.2	14.5	January ..	226.6	178.1	48.4	21.4
February ...	360.3	306.6	53.7	14.9	February .	223.8	178.7	45.1	20.1
March	366.0	311.0	55.0	15.0	March	227.9	186.2	41.7	18.3
April	368.7	320.7	47.9	13.0	April	229.9	190.3	39.5	17.2
May	379.0	328.3	50.7	13.4	May	234.3	193.8	40.5	17.3
June	381.1	332.5	48.6	12.8	June	237.1	196.8	40.4	17.0
July	383.8	339.3	44.5	11.6	July	237.7	203.6	34.1	14.3
August	381.5	337.3	44.2	11.6	August ...	237.4	200.9	36.5	15.4
September ..	377.7	334.7	43.0	11.4	September.	231.9	198.1	33.7	14.5
October[p]....	382.2	340.6	41.6	10.9	October ..	231.8	200.3	31.6	13.6
November ..	INA	INA	INA	INA	November[p].	232.8	199.9	32.8	14.1

[a] Estimated in cooperation with U.S. Department of Labor. Data not seasonally adjusted. Subtotals may not add to totals due to rounding. Rates computed from unrounded figures. [f] Defined as Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. [g] Defined as Greene, Miami, Montgomery, and Preble Counties. [h] Defined as Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. [i] Defined as Mahoning and Trumbull Counties. [p] Preliminary. INA—Information not available.

Labor Market Information Division
Ohio Bureau of Employment Services
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CIVILIAN LABOR FORCE ESTIMATES*
(not seasonally adjusted)

Year and Month	OHIO (in thousands)			Unemployment Rate	
	Civilian Labor Force	Total Employed	Total Unemployed	OHIO	U.S.
1972	4,510	4,261	249	5.5	5.6
1973	4,621	4,423	198	4.3	4.9
1974	4,708	4,483	225	4.8	5.6
1975	4,721	4,292	429	9.1	8.5
1976	4,749	4,378	370	7.8	7.7
1977	4,830	4,518	312	6.5	7.1
1978	4,956	4,688	268	5.4	6.1
1979	5,056	4,758	298	5.9	5.8
1980	5,087	4,660	426	8.4	7.1
1981	5,099	4,607	492	9.6	7.6
1982	5,122	4,481	640	12.5	9.7
1982					
December.	5,058	4,344	714	14.1	10.5
1983					
January .	4,942	4,204	738	14.9	11.4
February.	4,925	4,212	713	14.5	11.3
March ...	5,027	4,339	688	13.7	10.8
April ...	5,088	4,435	653	12.8	10.0
May	5,166	4,502	664	12.9	9.8
June	5,267	4,595	672	12.8	10.2
July	5,302	4,723	579	10.9	9.4
August ..	5,244	4,679	565	10.8	9.2
September	5,123	4,555	568	11.1	8.8
October .	5,176	4,626	550	10.6	8.4
November.	5,164	4,598	566	11.0	8.1
December.	5,060	4,530	530	10.5	8.0

OHIO NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT*
(in thousands)

Year and Month	Total Nonagricultural	Manufacturing	Nonmanufacturing
1972	3,938.3	1,346.8	2,591.5
1973	4,112.9	1,426.3	2,686.5
1974	4,169.4	1,416.6	2,752.8
1975	4,016.2	1,267.5	2,748.7
1976	4,094.5	1,295.3	2,799.3
1977	4,230.1	1,344.1	2,885.9
1978	4,394.8	1,377.2	3,017.6
1979	4,484.7	1,382.3	3,102.5
1980	4,367.4	1,264.3	3,103.0
1981	4,317.6	1,232.6	3,085.1
1982	4,138.7	1,103.6	3,035.1
1982			
December.	4,102.5	1,043.9	3,058.6
1983			
January .	4,012.3	1,051.7	2,960.6
February.	4,015.0	1,056.2	2,958.8
March ...	4,036.2	1,059.4	2,976.8
April ...	4,076.0	1,069.4	3,006.6
May	4,114.2	1,074.8	3,039.4
June	4,127.4	1,078.7	3,048.7
July	4,092.8	1,076.7	3,016.1
August ..	4,085.6	1,089.3	2,996.3
September	4,167.2	1,109.0	3,058.2
October .	4,180.3	1,114.0	3,066.3
November.	4,187.0	1,119.4	3,067.6
December.	4,183.3	1,115.6	3,067.7

OHIO NONMANUFACTURING WAGE AND SALARY EMPLOYMENT* (in thousands)

Year and Month	Mining	Construction	Transportation and Utilities	Wholesale Trade	Retail Trade	Finance, Insurance, Real Estate	Services	Government
1972	22.7	165.1	222.9	189.6	626.7	163.8	611.7	589.1
1973	22.9	175.5	224.9	197.7	654.9	169.0	643.9	597.8
1974	24.2	172.3	227.8	205.7	668.1	171.9	669.7	613.1
1975	26.8	154.9	213.2	203.5	664.5	173.1	686.3	626.4
1976	28.2	154.2	213.7	208.4	682.4	177.0	703.2	632.2
1977	29.1	162.8	219.1	214.6	703.1	183.4	731.4	642.3
1978	29.0	176.6	225.0	226.0	730.4	191.1	772.1	667.5
1979	31.6	182.9	232.1	232.8	742.4	200.6	806.2	674.0
1980	30.7	167.4	223.1	230.6	726.6	203.8	830.9	689.9
1981	30.7	153.7	217.2	232.5	717.7	205.8	851.5	676.0
1982	30.7	135.5	207.6	229.3	707.3	206.4	859.7	658.6
1982								
December.	29.0	129.5	203.6	229.0	730.4	207.3	861.7	668.2
1983								
January .	28.6	112.8	195.5	226.3	687.3	205.8	847.0	657.3
February.	28.1	108.8	194.7	225.3	675.0	205.5	853.5	668.0
March ...	27.3	112.7	195.0	226.1	680.4	205.8	859.6	669.9
April ...	27.2	118.8	196.0	226.9	692.0	206.7	872.5	666.6
May	27.6	126.6	197.7	227.3	702.6	207.5	880.2	669.9
June	29.3	133.0	198.9	228.2	706.4	209.7	889.3	653.8
July	29.9	138.0	199.0	228.0	703.2	210.7	884.3	623.1
August ..	29.8	139.4	182.9	227.9	705.7	210.7	883.9	615.8
September	30.0	141.7	198.5	227.8	708.2	210.3	892.1	649.7
October .	29.9	142.1	198.4	228.2	703.1	210.0	888.9	665.7
November.	29.9	138.1	197.0	227.7	711.2	210.0	884.1	669.7
December.	29.5	127.7	198.0	227.7	723.7	210.5	880.7	669.8

*Estimated in cooperation with U.S. Department of Labor. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates and averages computed from unrounded figures. All data exclude military personnel.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

EMPLOYMENT, HOURS, AND EARNINGS IN MANUFACTURING IN OHIO[a]

Year and Month	Manufacturing Employment (in thousands)			Production Workers in Manufacturing		
	All Manufacturing	Durable Goods	Nondurable Goods	Production Workers (in thousands)	Aggregate Weekly Payroll (in millions)	Aggregate Weekly Hours (in millions)
1972	1,346.8	948.8	398.0	979.2	$181.3	40.7
1973	1,426.3	1,018.2	408.1	1,046.7	210.8	44.3
1974	1,416.6	1,013.1	403.5	1,028.7	217.4	42.4
1975	1,267.5	892.4	375.1	897.8	201.5	36.2
1976	1,295.3	910.6	384.6	926.1	233.9	38.2
1977	1,344.1	945.2	398.9	958.0	271.2	40.2
1978	1,377.2	974.5	402.7	985.5	302.5	41.5
1979	1,382.3	980.5	401.8	979.0	318.5	40.6
1980	1,264.3	882.6	381.8	867.8	301.9	35.2
1981	1,232.6	860.4	372.2	847.7	330.4	34.7
1982	1,103.6	755.4	348.3	738.1	298.0	29.6
1982						
December.	1,043.9	701.7	342.2	687.1	286.7	28.0
1983						
January .	1,051.7	712.5	339.2	695.0	288.5	28.0
February.	1,056.2	715.7	340.5	700.2	293.6	28.3
March ...	1,059.4	719.1	340.3	703.7	298.6	28.7
April ...	1,069.4	728.0	341.5	713.7	306.8	29.3
May	1,074.8	733.1	341.7	719.6	310.8	29.6
June	1,078.7	734.6	344.1	723.6	316.8	30.0
July	1,076.7	732.9	343.7	720.5	311.7	29.5
August ..	1,089.3	741.2	348.1	733.3	317.8	30.2
September	1,109.0	754.0	355.1	752.5	337.1	31.7
October .	1,114.0	761.3	352.8	758.2	341.4	31.8
November.	1,119.4	766.2	353.2	764.1	349.8	32.5
December.	1,115.6	762.2	353.4	760.4	351.6	32.5

Year and Month	Production Workers Average Weekly Earnings			Production Workers Average Weekly Hours			Production Workers Average Hourly Earnings		
	Manufacturing	Durable Goods	Nondurable Goods	Manufacturing	Durable Goods	Nondurable Goods	Manufacturing	Durable Goods	Nondurable Goods
1972	$185.12	$190.19	$172.60	41.6	41.8	40.9	$ 4.45	$ 4.55	$ 4.22
1973	201.35	207.95	185.89	42.3	42.7	41.4	4.76	4.87	4.49
1974	211.36	216.94	196.17	41.2	41.4	40.7	5.13	5.24	4.82
1975	224.47	228.90	211.85	40.3	40.3	40.2	5.57	5.68	5.27
1976	252.54	258.75	235.00	41.2	41.4	41.3	6.10	6.25	5.69
1977	283.08	292.02	258.34	42.0	42.2	41.4	6.74	6.92	6.24
1978	306.91	316.83	279.30	42.1	42.3	41.5	7.29	7.49	6.73
1979	325.36	335.30	297.98	41.5	41.6	41.1	7.84	8.06	7.25
1980	347.94	358.57	319.99	40.6	40.7	40.2	8.57	8.81	7.96
1981	389.78	401.64	358.16	40.9	40.9	40.7	9.53	9.82	8.80
1982	403.81	414.80	378.95	40.1	40.0	40.4	10.07	10.37	9.38
1982									
December.	417.18	429.14	390.46	40.7	40.6	40.8	10.25	10.57	9.57
1983									
January .	415.09	427.99	387.03	40.3	40.3	40.4	10.30	10.62	9.58
February.	419.35	433.76	386.72	40.4	40.5	40.2	10.38	10.71	9.62
March ...	424.32	437.38	393.01	40.8	40.8	40.6	10.40	10.72	9.68
April ...	429.91	444.14	397.96	41.1	41.2	40.9	10.46	10.78	9.73
May	431.96	447.69	397.80	41.1	41.3	40.8	10.51	10.84	9.75
June	437.83	452.61	402.11	41.5	41.6	41.2	10.55	10.88	9.76
July	432.55	445.67	403.60	41.0	41.0	41.1	10.55	10.87	9.82
August ..	433.42	445.52	403.50	41.2	41.1	41.3	10.52	10.84	9.77
September	447.94	463.52	410.62	42.1	42.1	41.9	10.64	11.01	9.80
October .	450.24	468.68	408.78	42.0	42.3	41.5	10.72	11.08	9.85
November.	457.73	475.68	413.97	42.5	42.7	41.9	10.77	11.14	9.88
December.	462.44	481.60	419.89	42.7	43.0	42.2	10.83	11.20	9.95

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

EMPLOYMENT AND AVERAGE WEEKLY EARNINGS IN SELECTED MAJOR MANUFACTURING INDUSTRIES IN OHIO[a]

Year and Month	Stone, Clay and Glass Products	Primary Metal Industries	Fabricated Metal Products	Machinery, Except Electrical	Electric & Electronic Equipment	Transportation Equipment	Food and Kindred Products	Printing and Publishing	Rubber and Plastics Products
	EMPLOYMENT (in thousands)								
1972	70.3	158.9	162.7	205.1	126.9	155.0	78.2	66.8	102.2
1973	73.3	173.3	175.2	219.9	134.1	167.2	76.4	67.7	109.8
1974	72.2	172.4	172.7	227.7	131.4	162.5	76.0	67.9	107.0
1975	65.0	151.5	150.9	207.7	112.3	140.8	73.5	64.8	94.8
1976	66.3	154.6	157.9	205.9	115.5	143.0	73.8	64.5	98.2
1977	67.1	157.7	166.5	210.7	120.9	151.8	74.4	65.4	107.4
1978	69.3	157.5	173.3	216.7	122.2	164.1	74.6	66.6	107.4
1979	69.7	158.9	175.5	228.6	117.6	165.8	74.4	67.6	106.7
1980	64.5	139.8	157.6	221.4	106.4	139.1	72.7	67.4	92.7
1981	61.0	138.3	154.9	204.2	101.9	136.9	69.2	66.1	89.0
1982	54.1	113.3	135.0	179.3	93.2	122.0	66.9	63.2	80.7
1982									
December.	50.3	98.1	127.0	163.4	85.6	120.5	66.3	61.8	77.6
1983									
January .	50.2	100.2	128.3	163.2	89.5	125.1	63.9	61.6	78.0
February.	50.4	102.6	130.1	161.7	88.7	126.1	64.3	61.7	79.3
March ...	50.8	105.4	129.5	160.6	87.9	127.9	64.0	61.8	79.3
April ...	52.4	105.9	130.5	160.3	90.2	130.9	63.7	61.7	80.3
May	52.9	105.5	131.6	161.4	90.7	132.9	63.5	61.7	80.8
June	53.0	105.9	132.3	159.3	90.4	134.4	64.5	61.6	81.6
July	53.2	105.3	132.0	159.4	90.1	133.9	64.2	61.1	82.3
August ..	53.9	107.6	134.8	159.9	90.0	135.1	66.5	61.1	83.7
September	54.7	110.0	137.2	162.2	91.9	137.1	69.6	61.8	85.8
October .	54.8	110.5	139.2	161.9	92.8	141.3	66.6	61.8	86.5
November.	54.9	112.4	140.4	162.8	92.8	142.4	65.5	62.0	87.5
December.	53.4	112.1	139.6	163.6	92.6	140.8	65.4	62.2	87.4
	AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS								
1972	$175.14	$204.61	$187.87	$193.46	$164.42	$219.99	$173.43	$187.21	$180.48
1973	189.03	228.72	204.67	208.80	176.23	241.01	188.94	203.06	193.12
1974	194.21	246.03	213.62	219.05	184.61	244.91	204.89	211.14	199.92
1975	207.55	256.46	224.96	228.25	201.30	263.22	222.68	226.95	213.31
1976	232.40	294.58	256.68	253.31	221.54	302.87	242.92	252.20	237.30
1977	253.95	329.54	290.44	279.18	248.44	359.20	258.54	271.96	263.97
1978	274.81	366.24	307.23	306.16	268.45	389.66	281.15	285.18	282.73
1979	293.34	395.43	323.38	329.09	289.27	391.56	304.50	302.62	300.66
1980	315.43	422.01	349.34	352.77	316.31	414.83	329.85	320.92	323.61
1981	348.02	484.04	389.61	389.16	350.27	471.50	362.75	347.70	368.67
1982	376.88	480.54	398.77	392.63	366.56	506.99	386.04	358.45	381.11
1982									
December.	391.35	488.67	420.65	405.42	383.60	526.87	402.66	374.74	388.69
1983									
January .	385.01	486.16	427.00	401.37	380.09	517.33	391.68	370.02	392.22
February.	381.35	500.47	433.78	405.38	379.20	529.44	384.87	362.36	397.57
March ...	387.32	487.71	441.56	407.82	380.25	543.26	389.50	371.14	406.27
April ...	388.95	497.68	451.26	411.25	384.40	549.25	396.47	369.64	411.83
May	397.85	493.96	452.28	417.91	384.96	560.33	401.58	367.52	413.10
June	400.20	496.11	463.86	424.91	392.85	563.82	408.53	371.51	414.62
July	403.44	496.50	447.79	420.09	390.34	543.97	412.29	369.27	409.36
August ..	401.64	492.83	449.35	421.14	395.60	541.80	409.04	371.35	407.11
September	409.18	522.49	471.28	431.09	406.39	570.49	415.86	378.00	422.18
October .	412.17	514.18	479.45	436.31	408.04	581.79	396.89	384.94	425.87
November.	415.33	520.38	490.31	450.24	411.27	586.64	410.98	392.18	421.20
December.	420.58	525.39	496.32	462.03	412.76	587.65	420.42	393.58	430.22

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN OHIO[a]
DECEMBER 1983

Industry	Employment (in thousands)			Percent Change From[d]	
	December 1983[b]	November 1983[c]	December 1982[c]	November 1983	December 1982
TOTAL	4183.3	4187.0	4102.5	- .1	2.0
MANUFACTURING	1115.6	1119.4	1043.9	- .3	6.9
Durable Goods[e]	762.2	766.2	701.7	- .5	8.6
Lumber and wood products	13.0	13.1	12.0	- .9	8.2
Furniture and fixtures	14.0	13.8	13.5	1.3	3.6
Household furniture	6.2	6.1	5.9	2.4	6.0
Stone, clay, and glass products	53.4	54.9	50.3	- 2.7	6.2
Glass and glassware, pressed or blown	13.9	14.7	13.1	- 5.0	6.6
Structural clay products	5.0	5.3	4.6	- 5.2	10.3
Pottery and related products	5.3	5.7	5.7	- 6.1	- 7.0
Primary metal industries	112.1	112.4	98.1	- .2	14.3
Blast furnace and basic steel products	55.2	55.2	49.0	.0	12.7
Iron and steel foundries	23.2	23.0	19.6	1.0	18.2
Nonferrous rolling and drawing	19.0	19.0	16.3	.2	16.5
Nonferrous foundries	9.2	9.3	7.7	- .9	20.0
Fabricated metal products	139.6	140.4	127.0	- .6	9.9
Cutlery, hand tools, and hardware	11.6	11.8	10.2	- 2.2	13.6
Plumbing and heating, except electric	4.8	4.7	4.2	1.5	12.3
Fabricated structural metal products	31.2	31.6	30.6	- 1.2	1.8
Screw machine products, bolts, etc.	9.1	9.0	8.4	.6	8.0
Metal forgings and stampings	42.7	42.7	35.2	.0	21.4
Machinery, except electrical	163.6	162.8	163.4	.5	.1
Construction and related machinery	17.0	17.0	18.3	.1	- 6.9
Metalworking machinery	39.4	39.3	43.0	.3	- 8.3
Special industry machinery	17.5	17.4	17.5	.8	- .3
General industrial machinery	32.8	32.6	31.4	.7	4.5
Electric and electronic equipment	92.6	92.8	85.6	- .2	8.2
Electrical industrial apparatus	19.2	19.1	19.3	.4	- .6
Household appliances	16.0	16.1	14.4	- .4	11.4
Electric lighting and wiring equipment	18.7	18.6	14.5	.6	28.9
Communication equipment	10.3	10.8	10.4	- 4.5	- .8
Transportation equipment	140.8	142.4	120.5	- 1.1	16.9
Motor vehicles and equipment	94.3	96.4	76.2	- 2.1	23.8
Aircraft and parts	38.2	37.7	36.4	1.2	4.9
Instruments and related products	20.5	20.5	19.6	- .2	4.6
Measuring and controlling devices	12.5	12.5	11.7	- .2	6.7
Nondurable Goods[f]	353.4	353.2	342.2	.1	3.3
Food and kindred products	65.4	65.5	66.3	.0	- 1.3
Meat products	10.8	10.8	11.0	- .1	- 1.9
Dairy products	10.7	10.8	10.9	- .4	- 1.3
Bakery products	9.9	9.8	10.1	1.1	- 1.4
Beverages	10.6	10.5	10.8	.8	- 1.8
Textile mill products	4.6	4.5	4.1	.9	11.9
Apparel and other textile products	17.9	17.9	16.7	.1	6.8
Paper and allied products	35.5	35.4	35.0	.2	1.6
Paper mills, except building paper	9.4	9.3	8.9	.5	4.9
Misc. converted paper products	11.5	11.5	11.1	.0	3.1
Paperboard containers and boxes	11.6	11.6	11.7	.0	- .3
Printing and publishing	62.2	62.0	61.8	.3	.5
Newspapers	18.6	18.5	18.5	.4	.3
Commercial printing	22.3	22.3	22.0	.1	1.3
Chemicals and allied products	64.8	64.6	65.2	.2	- .7
Industrial inorganic chemicals	11.8	11.8	12.3	.1	- 3.7
Plastics materials and synthetics	9.0	8.9	9.2	.1	- 2.6
Petroleum and coal products	9.9	10.0	9.6	- 1.2	3.3
Rubber and misc. plastics products	87.4	87.5	77.6	- .1	12.7
Tires and inner tubes	20.9	21.0	20.9	- .3	.0
Miscellaneous plastics products	45.8	45.7	38.8	.2	18.0
Leather and leather products	5.6	5.6	5.8	- .1	- 2.4

See footnotes at end of table.

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN OHIO[a]
DECEMBER 1983

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	December 1983[b]	November 1983[c]	December 1982[c]	Dec. 1983[b]	Nov. 1983[c]	Dec. 1982[c]	Dec. 1983[b]	Nov. 1983[c]	Dec. 1982[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$462.44	$457.73	$417.18	42.7	42.5	40.7	$10.83	$10.77	$10.25
Durable Goods[d]	481.60	475.68	429.14	43.0	42.7	40.6	11.20	11.14	10.57
Lumber and wood products	289.14	296.87	292.79	39.5	40.5	39.3	7.32	7.33	7.45
Furniture and fixtures	330.81	319.14	314.80	41.3	40.5	40.0	8.01	7.88	7.87
Household furniture	286.40	275.09	268.66	40.0	38.8	38.0	7.16	7.09	7.07
Stone, clay, and glass products	420.58	415.33	391.35	42.1	41.7	41.5	9.99	9.96	9.43
Glass and glassware, pressed or blown	436.24	433.19	392.32	41.0	41.1	38.5	10.64	10.54	10.19
Structural clay products	294.26	305.59	281.11	40.7	40.8	40.8	7.23	7.49	6.89
Pottery and related products	325.24	323.25	329.94	37.6	37.5	39.8	8.65	8.62	8.29
Primary metal industries	525.39	520.38	488.67	42.2	42.0	39.0	12.45	12.39	12.53
Blast furnace and basic steel products	520.20	518.46	511.13	40.8	40.6	37.2	12.75	12.77	13.74
Iron and steel foundries	531.85	538.30	474.10	43.1	43.8	40.8	12.34	12.29	11.62
Nonferrous rolling and drawing	581.13	565.49	485.16	43.4	43.2	39.8	13.39	13.09	12.19
Nonferrous foundries	446.80	420.20	375.83	46.3	44.0	41.3	9.65	9.55	9.10
Fabricated metal products	496.32	490.31	420.65	44.0	43.7	40.8	11.28	11.22	10.31
Cutlery, hand tools, and hardware	506.94	501.08	403.65	42.6	42.5	39.0	11.90	11.79	10.35
Plumbing and heating, except electric	383.66	380.45	345.84	42.3	41.9	39.3	9.07	9.08	8.80
Fabricated structural metal products	436.29	427.65	396.66	42.9	42.3	40.6	10.17	10.11	9.77
Screw machine products, bolts, etc.	406.62	408.64	352.80	42.4	42.7	38.6	9.59	9.57	9.14
Metal forgings and stampings	613.94	607.20	494.21	46.3	46.0	41.6	13.26	13.20	11.88
Machinery, except electrical	462.03	450.24	405.42	42.9	42.0	40.3	10.77	10.72	10.06
Construction and related machinery	426.41	418.37	389.00	39.3	39.1	38.1	10.85	10.70	10.21
Metalworking machinery	430.34	415.13	404.00	41.7	40.5	40.0	10.32	10.25	10.10
Special industry machinery	441.81	438.76	390.19	43.7	43.1	40.9	10.11	10.18	9.54
General industrial machinery	457.30	448.10	388.87	42.5	41.8	39.6	10.76	10.72	9.82
Electric and electronic equipment	412.76	411.27	383.60	41.4	41.5	40.0	9.97	9.91	9.59
Electrical industrial apparatus	388.28	392.37	345.20	40.7	41.0	37.4	9.54	9.57	9.23
Household appliances	417.79	414.53	401.36	41.0	40.8	40.5	10.19	10.16	9.91
Electric lighting and wiring equipment	408.66	403.38	378.07	41.7	41.5	41.5	9.80	9.72	9.11
Communication equipment	465.13	460.04	434.43	42.4	43.4	41.1	10.97	10.60	10.57
Transportation equipment	587.65	586.64	526.87	45.1	45.3	42.8	13.03	12.95	12.31
Motor vehicles and equipment	610.97	610.42	543.92	45.8	46.0	43.1	13.34	13.27	12.62
Aircraft and parts	531.29	527.66	499.48	43.3	43.5	42.8	12.27	12.13	11.67
Instruments and related products	318.33	308.05	296.68	40.5	39.8	40.2	7.86	7.74	7.38
Measuring and controlling devices	311.58	299.47	288.56	40.1	39.3	39.1	7.77	7.62	7.38
Nondurable Goods[e]	419.89	413.97	390.46	42.2	41.9	40.8	9.95	9.88	9.57
Food and kindred products	420.42	410.98	402.66	42.9	42.5	41.9	9.80	9.67	9.61
Meat products	400.53	401.54	414.06	42.7	42.9	41.2	9.38	9.36	10.05
Dairy products	434.58	421.71	392.54	44.3	43.7	42.9	9.81	9.65	9.15
Bakery products	419.76	420.97	400.00	39.6	40.4	40.0	10.60	10.42	10.00
Beverages	379.03	376.67	341.73	40.8	40.2	39.1	9.29	9.37	8.74
Textile mill products	312.00	315.25	270.51	41.6	41.7	38.7	7.50	7.56	6.99
Apparel and other textile products	250.11	243.90	224.35	39.7	38.9	36.9	6.30	6.27	6.08
Paper and allied products	446.22	440.79	410.71	44.4	44.3	43.6	10.05	9.95	9.42
Paper mills, except building paper	556.72	546.15	516.48	47.3	46.6	48.0	11.77	11.72	10.76
Misc. converted paper products	393.93	386.10	363.78	43.1	42.9	42.3	9.14	9.00	8.60
Paperboard containers and boxes	394.19	394.42	366.86	42.8	43.2	41.5	9.21	9.13	8.84
Printing and publishing	393.58	392.18	374.74	38.7	38.6	37.7	10.17	10.16	9.94
Newspapers	327.23	323.70	331.02	33.7	33.2	32.2	9.71	9.75	10.28
Commercial printing	412.89	416.96	373.63	40.4	40.6	38.4	10.22	10.27	9.73
Chemicals and allied products	473.76	468.16	431.39	42.3	41.8	41.4	11.20	11.20	10.42
Industrial inorganic chemicals	507.10	516.77	446.63	42.4	43.1	40.9	11.96	11.99	10.92
Plastics materials and synthetics	545.11	521.12	471.23	45.2	44.2	42.8	12.06	11.79	11.01
Petroleum and coal products	629.59	618.02	602.89	43.9	43.4	44.2	14.34	14.24	13.64
Rubber and misc. plastics products	430.22	421.20	388.69	43.5	43.2	40.7	9.89	9.75	9.55
Tires and inner tubes	566.10	559.73	526.44	45.0	44.6	42.8	12.58	12.55	12.30
Miscellaneous plastics products	421.41	408.93	367.23	43.4	43.0	39.7	9.71	9.51	9.25
Leather and leather products	215.76	213.72	225.59	39.3	39.0	40.5	5.49	5.48	5.57

See footnotes at end of table.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN OHIO[a]
DECEMBER 1983 (Continued)

Industry	Employment (in thousands)			Percent Change From[d]	
	December 1983[b]	November 1983[c]	December 1982[c]	November 1983	December 1982
NONMANUFACTURING	3067.7	3067.6	3058.6	.0	.3
MINING	29.5	29.9	29.0	-1.4	1.7
Bituminous coal and lignite mining	11.7	11.8	11.6	-1.5	.5
CONSTRUCTION	127.7	138.1	129.5	-7.5	-1.4
General building contractors	30.6	32.3	32.0	-5.2	-4.2
Heavy construction contractors	18.9	22.7	19.1	-17.1	-1.1
TRANSPORTATION AND PUBLIC UTILITIES	198.0	197.0	203.6	.5	-2.7
Railroad transportation	20.1	20.7	21.1	-2.9	-5.1
Transportation, except railroads	87.3	86.1[h]	88.3	1.3	-1.2
Trucking and warehousing	62.0	61.7	64.1	.4	-3.3
Communication, electric, gas services	90.7	90.2	94.2	.5	-3.7
Communication	50.9	50.5	53.3	.8	-4.5
Electric, gas, and sanitary services	39.8	39.7	40.9	.1	-2.7
WHOLESALE TRADE	227.7	227.7	229.0	.0	-.5
Wholesale trade-durable goods	143.8	143.7	145.2	.0	-1.0
Motor vehicles & automotive equipment	21.0	21.0	20.7	-.1	1.1
Electrical goods	18.9	18.8	19.0	.5	-.2
Machinery, equipment, and supplies	61.6	61.4	62.0	.2	-.7
Wholesale trade-nondurable goods	84.0	84.0	83.7	-.1	.3
Groceries and related products	26.0	25.9	25.5	.2	1.7
RETAIL TRADE	723.7	711.2	730.4	1.8	-.9
General merchandise stores	124.7	117.3	129.4	6.3	-3.6
Department stores	114.5	107.7	118.7	6.4	-3.5
Food stores	120.8	119.3	120.6	1.2	.2
Automotive dealers & service stations	74.3	74.7	75.2	-.5	-1.2
Apparel and accessory stores	35.4	33.5	36.5	5.7	-3.0
FINANCE, INSURANCE, AND REAL ESTATE	210.5	210.0	207.3	.3	1.6
Banking	58.1	58.0	58.6	.2	-.9
Credit agencies other than banks	31.0	30.8	30.0	.8	3.6
Insurance carriers	59.3	59.3	59.8	.1	-.7
SERVICES	880.7	884.1	861.7	-.4	2.2
Hotels and other lodging places	28.6	29.0	28.9	-1.4	-1.3
Laundry, cleaning, & garment services	16.4	16.5	16.7	-.5	-2.2
Business services	124.3	124.6	122.2	-.2	1.7
Health services	329.3	328.7	318.2	.2	3.5
Hospitals	178.6	178.4	175.0	.1	2.1
GOVERNMENT	669.8	669.7	668.2	.0	.2
Federal government	88.7	88.7	88.4	.1	.3
State government	146.7	146.1	147.1	.4	-.3
State government, except education	69.0	68.7	70.7	.5	-2.4
State government education[i]	77.7	77.4	76.4	.4	1.8
Local government	434.4	434.9	432.7	-.1	.4
Local government, except education	181.1	180.9	181.1	.1	.0
Local government education	253.3	254.1	251.5	-.3	.7

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[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Based on March 1982 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes miscellaneous manufacturing. [f] Includes tobacco manufactures. [h] Depressed due to labor-management disputes. [i] Includes State Universities, State Schools for Deaf and Blind, and the State Library. Excludes hospitals, the agricultural extension service, agricultural research centers, and departments coordinating and administering educational programs (notably, the Ohio Department of Education).

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN OHIO[a]
DECEMBER 1983 (Continued)

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	December 1983[b]	November 1983[c]	December 1982[c]	Dec. 1983[b]	Nov. 1983[c]	Dec. 1982[c]	Dec. 1983[b]	Nov. 1983[c]	Dec. 1982[c]
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
MINING	$472.06	$463.28	$466.81	44.2	43.5	44.5	$10.68	$10.65	$10.49
Bituminous coal and lignite mining	571.78	558.00	558.91	40.9	40.7	42.6	13.98	13.71	13.12
CONSTRUCTION	587.55	559.20	555.39	37.4	35.8	37.1	15.71	15.62	14.97
General building contractors	515.46	488.09	504.99	36.3	34.3	36.7	14.20	14.23	13.76
Heavy construction contractors	569.58	505.43	535.26	38.8	34.5	37.3	14.68	14.65	14.35
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Railroad transportation	......	......	......	....	....	....	....	....	....
Transportation, except railroads	......	......	......	....	....	....	....	....	....
Trucking and warehousing	461.77	448.52	477.22	37.3	36.2	38.3	12.38	12.39	12.46
Communication, electric, gas services ..	481.07	479.08	444.71	40.7	40.6	40.1	11.82	11.80	11.09
Communication	479.12	475.94	444.64	40.5	40.3	39.7	11.83	11.81	11.20
Electric, gas, and sanitary services .	484.21	481.80	444.57	41.0	40.9	40.6	11.81	11.78	10.95
WHOLESALE TRADE	333.08	334.22	321.36	39.7	39.6	39.0	8.39	8.44	8.24
Wholesale trade-durable goods	327.63	328.42	314.38	40.2	40.1	39.2	8.15	8.19	8.02
Motor vehicles & automotive equipment	263.50	276.05	276.57	38.3	38.5	38.2	6.88	7.17	7.24
Electrical goods	273.51	275.04	263.63	38.2	38.2	37.5	7.16	7.20	7.03
Machinery, equipment, and supplies ...	368.74	371.54	343.48	40.7	41.1	39.3	9.06	9.04	8.74
Wholesale trade-nondurable goods	343.10	343.66	332.73	38.9	38.7	38.6	8.82	8.88	8.62
Groceries and related products	371.84	372.53	365.79	41.5	41.3	41.1	8.96	9.02	8.90
RETAIL TRADE[f]	163.14	161.11	158.77	30.1	29.4	29.9	5.42	5.48	5.31
General merchandise stores	170.89	163.48	170.01	32.8	30.5	33.4	5.21	5.36	5.09
Department stores	173.18	166.46	172.01	32.8	30.6	33.4	5.28	5.44	5.15
Food stores	212.89	216.13	225.36	30.5	30.7	31.3	6.98	7.04	7.20
Automotive dealers & service stations ..	213.30	214.90	202.38	36.4	36.3	36.4	5.86	5.92	5.56
Apparel and accessory stores	131.21	113.48	125.65	28.9	25.5	28.3	4.54	4.45	4.44
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
Banking	218.45	217.52	208.33	....	....	....	....	....	....
Credit agencies other than banks	212.12	208.41	210.16	....	....	....	....	....	....
Insurance carriers	293.51	291.66	281.80	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
Hotels and other lodging places	......	......	......	....	....	....	....	....	....
Laundry, cleaning, & garment services ..	......	......	......	....	....	....	....	....	....
Business services	......	......	......	....	....	....	....	....	....
Health services	......	......	......	....	....	....	....	....	....
Hospitals	284.09	281.90	270.04	33.7	33.6	34.4	8.43	8.39	7.85
GOVERNMENT	......	......	......	....	....	....	....	....	....
Federal government	......	......	......	....	....	....	....	....	....
State government	......	......	......	....	....	....	....	....	....
State government, except education ...	......	......	......	....	....	....	....	....	....
State government education	......	......	......	....	....	....	....	....	....
Local government	......	......	......	....	....	....	....	....	....
Local government, except education ...	......	......	......	....	....	....	....	....	....
Local government education	......	......	......	....	....	....	....	....	....

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes miscellaneous manufacturing. [e] Includes tobacco manufactures. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN AKRON METROPOLITAN AREA[a]
DECEMBER 1983

Industry	Employment (in thousands)			Percent Change From[d]	
	December 1983[b]	November 1983[c]	December 1982[c]	November 1983	December 1982
TOTAL	256.1	256.1	250.4	.0	2.3
MANUFACTURING	68.3	68.4	65.3	- .2	4.5
Durable Goods[e]	34.9	34.8	32.0	.2	9.1
Stone, clay, and glass products	1.9	2.0	1.7	- .9	10.8
Fabricated metal products	12.5	12.5	11.9	- .1	4.7
Machinery, except electrical	9.4	9.4	8.7	1.0	8.4
Special industry machinery	1.6	1.6	1.6	.6	- .7
Nondurable Goods[f]	33.4	33.6	33.3	- .6	.2
Food and kindred products	2.5	2.5	2.6	.3	- .5
Chemicals and allied products	2.7	2.7	3.2	.7	- 13.7
Rubber and misc. plastics products	23.1	23.3	22.7	- .6	1.9
Tires and inner tubes	16.6	16.7	16.8	- .3	- .9
NONMANUFACTURING[g]	187.9	187.8	185.1	.1	1.5
CONSTRUCTION	6.9	7.6	7.0	- 9.5	- 2.2
TRANSPORTATION AND PUBLIC UTILITIES	12.8	12.8	12.9	- .1	- .7
Communication, electric, gas services	5.3	5.3	5.5	.0	- 2.6
WHOLESALE TRADE	12.6	12.6	12.5	- .1	.9
RETAIL TRADE	48.3	47.3	47.6	2.1	1.4
FINANCE, INSURANCE, AND REAL ESTATE	9.5	9.4	9.3	.8	1.8
SERVICES	53.9	54.1	51.9	- .4	3.8
GOVERNMENT	43.3	43.3	43.2	.1	.3
State government (includes education)	15.0	14.9	14.9	.9	.6
Local government (includes education)	26.2	26.3	26.2	- .5	.0

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Akron area is defined as Portage and Summit Counties. Based on March 1982 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; primary metal industries; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN AKRON METROPOLITAN AREA[a]
DECEMBER 1983

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	December 1983[b]	November 1983[c]	December 1982[c]	Dec. 1983[b]	Nov. 1983[c]	Dec. 1982[c]	Dec. 1983[b]	Nov. 1983[c]	Dec. 1982[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$480.90	$477.40	$418.50	44.2	44.0	41.6	$10.88	$10.85	$10.06
Durable Goods[d]	507.38	501.53	420.84	45.1	44.7	42.0	11.25	11.22	10.02
Stone, clay, and glass products	404.46	407.53	390.34	42.0	42.1	42.8	9.63	9.68	9.12
Fabricated metal products	644.03	641.32	419.42	47.6	47.4	40.8	13.53	13.53	10.28
Machinery, except electrical	428.67	416.46	432.99	44.7	43.7	44.5	9.59	9.53	9.73
Special industry machinery	458.00	446.12	380.66	45.8	45.2	40.8	10.00	9.87	9.33
Nondurable Goods[e]	441.87	442.64	413.09	42.9	43.1	40.9	10.30	10.27	10.10
Food and kindred products	476.67	455.16	445.76	46.1	45.2	44.8	10.34	10.07	9.95
Chemicals and allied products	473.27	467.64	426.71	43.7	43.1	40.6	10.83	10.85	10.51
Rubber and misc. plastics products	458.24	464.37	427.23	43.6	44.1	41.6	10.51	10.53	10.27
Tires and inner tubes	595.14	595.99	542.72	45.5	45.6	42.7	13.08	13.07	12.71
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	567.27	535.63	558.94	35.7	35.1	36.7	15.89	15.26	15.23
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	495.28	493.66	452.73	41.0	40.9	40.1	12.08	12.07	11.29
WHOLESALE TRADE	301.47	306.50	295.81	39.0	39.6	39.6	7.73	7.74	7.47
RETAIL TRADE[f]	175.44	174.33	174.80	30.3	29.8	30.4	5.79	5.85	5.75
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
State government (includes education)	......	......	......	....	....	....	....	....	....
Local government (includes education)	......	......	......	....	....	....	....	....	....

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Akron area is defined as Portage and Summit Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; furniture and fixtures; primary metal industries; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CANTON METROPOLITAN AREA[a]
DECEMBER 1983

Industry	Employment (in thousands)			Percent Change From[d]	
	December 1983[b]	November 1983[c]	December 1982[c]	November 1983	December 1982
TOTAL	150.7	150.9	147.3	- .1	2.3
MANUFACTURING	46.8	46.9	44.7	- .2	4.8
Durable Goods[e]	35.0	35.1	33.6	- .3	4.3
Stone, clay, and glass products	2.0	2.0	1.9	.3	3.1
Primary metal industries	11.3	11.4	9.7	- .6	17.5
Fabricated metal products	7.7	7.7	8.1	- .1	- 4.9
Fabricated structural metal products	2.0	2.0	2.5	.0	- 18.1
Metal forgings and stampings	2.5	2.4	2.3	.9	7.9
Nondurable Goods[f]	11.8	11.8	11.1	- .1	6.2
Food and kindred products	4.3	4.3	4.3	.3	- .9
Rubber and misc. plastics products	3.2	3.2	2.5	- .2	27.8
NONMANUFACTURING[g]	104.0	104.0	102.7	- .1	1.2
CONSTRUCTION	5.0	5.3	4.6	- 5.8	10.3
TRANSPORTATION AND PUBLIC UTILITIES	6.0	6.1	6.2	- 1.6	- 3.6
Communication, electric, gas services	2.8	2.9	3.0	- .2	- 5.0
WHOLESALE TRADE	8.0	8.0	7.7	- .2	3.2
RETAIL TRADE	26.9	26.5	26.9	1.3	- .1
FINANCE, INSURANCE, AND REAL ESTATE	6.7	6.6	6.4	1.0	3.7
SERVICES	31.6	31.6	31.1	.1	1.7
GOVERNMENT	18.4	18.5	18.4	- .5	- .3
Local government (includes education)	15.6	15.7	15.5	- .3	.8

[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Canton area is defined as Carroll and Stark Counties. Based on March 1982 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CANTON METROPOLITAN AREA[a]
DECEMBER 1983

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	December 1983[b]	November 1983[c]	December 1982[c]	Dec. 1983[b]	Nov. 1983[c]	Dec. 1982[c]	Dec. 1983[b]	Nov. 1983[c]	Dec. 1982[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$445.54	$441.19	$411.33	40.8	40.7	39.1	$10.92	$10.84	$10.52
Durable Goods[d]	458.94	456.12	422.84	40.4	40.4	38.9	11.36	11.29	10.87
Stone, clay, and glass products	278.47	271.75	260.90	40.3	39.1	40.2	6.91	6.95	6.49
Primary metal industries	488.42	483.59	469.46	40.6	40.4	37.2	12.03	11.97	12.62
Fabricated metal products	538.47	534.23	453.86	42.2	41.9	40.2	12.76	12.75	11.29
Fabricated structural metal products	471.74	463.45	391.41	41.6	40.3	37.1	11.34	11.50	10.55
Metal forgings and stampings	668.96	671.80	545.38	45.2	45.3	41.6	14.80	14.83	13.11
Nondurable Goods[e]	402.24	396.79	374.77	41.9	41.9	39.7	9.60	9.47	9.44
Food and kindred products	419.44	418.61	440.02	42.8	43.2	41.2	9.80	9.69	10.68
Rubber and misc. plastics products	452.18	451.90	363.17	45.4	45.6	41.6	9.96	9.91	8.73
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	582.63	517.48	545.75	37.3	34.0	37.0	15.62	15.22	14.75
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	486.21	487.40	459.68	41.1	41.2	40.5	11.83	11.83	11.35
WHOLESALE TRADE	323.47	330.81	306.82	37.7	38.2	37.1	8.58	8.66	8.27
RETAIL TRADE[f]	163.25	161.27	155.83	30.4	29.7	30.2	5.37	5.43	5.16
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
Local government (includes education)	......	......	......	....	....	....	....	....	....

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Canton area is defined as Carroll and Stark Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; furniture and fixtures; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CINCINNATI METROPOLITAN AREA[a]
DECEMBER 1983

Industry	Employment (in thousands)			Percent Change From[d]	
	December 1983[b]	November 1983[c]	December 1982[c]	November 1983	December 1982
TOTAL	581.2	583.0	574.8	- .3	1.1
MANUFACTURING	146.0	149.4	145.0	- 2.3	.7
Durable Goods[e]	79.6	83.0	78.3	- 4.1	1.7
Furniture and fixtures	2.0	2.0	2.2	- 1.3	- 9.9
Primary metal industries	2.0	2.0	1.8	.7	16.4
Fabricated metal products	13.1	13.3	12.2	- 1.7	6.8
Fabricated structural metal products	4.0	4.1	4.0	- 2.1	1.0
Machinery, except electrical	21.7	21.6	22.0	.1	- 1.6
Metalworking machinery	10.4	10.3	10.8	.3	- 4.1
General industrial machinery	3.5	3.4	3.5	.5	.0
Electric and electronic equipment	7.7	7.7	7.5	.0	2.7
Transportation equipment	23.3	25.8	22.9	- 9.8	1.8
Motor vehicles and equipment	8.4	10.9	8.0	- 23.5	4.2
Nondurable Goods[f]	66.4	66.4	66.7	.0	- .5
Food and kindred products	14.7	14.7	15.5	.0	- 5.4
Meat products	2.4	2.4	2.3	- 1.6	3.9
Bakery products	2.3	2.3	2.3	3.4	.0
Beverages	4.3	4.3	4.6	.5	- 5.4
Apparel and other textile products	4.1	4.1	3.9	.2	5.1
Paper and allied products	5.9	5.9	6.0	.9	- 1.2
Printing and publishing	11.5	11.6	11.3	- .3	2.4
Chemicals and allied products	22.0	22.0	22.1	.1	- .4
Rubber and misc. plastics products	4.7	4.7	4.2	- 1.1	11.4
NONMANUFACTURING[g]	435.2	433.6	429.8	.4	1.3
CONSTRUCTION	19.3	20.6	18.5	- 6.1	4.2
TRANSPORTATION AND PUBLIC UTILITIES	31.3	31.2	31.7	.3	- 1.4
Communication, electric, gas services	14.2	14.1	14.4	.4	- 1.4
WHOLESALE TRADE	36.8	36.8	37.3	.1	- 1.3
RETAIL TRADE	104.7	102.5	105.1	2.1	- .4
FINANCE, INSURANCE, AND REAL ESTATE	32.4	32.3	32.6	.4	- .5
Banking	7.3	7.2	7.3	1.0	.5
Insurance carriers	11.1	11.1	11.5	.3	- 3.3
SERVICES	131.2	130.5	124.5	.5	5.4
GOVERNMENT	79.1	79.4	79.7	- .3	- .7
Federal government	12.5	12.3	12.0	1.2	3.8
State government (includes education)	17.9	17.8	18.4	.4	- 2.7
Local government	48.7	49.2	49.2	- 1.0	- 1.0
Local government, except education	21.1	21.4	21.5	- 1.3	- 1.7
Local government education	27.6	27.8	27.8	- .7	- .5

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[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Cincinnati area is defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. Based on March 1982 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; stone, clay, and glass products; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CINCINNATI METROPOLITAN AREA[a]
DECEMBER 1983

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	December 1983[b]	November 1983[c]	December 1982[c]	Dec. 1983[b]	Nov. 1983[c]	Dec. 1982[c]	Dec. 1983[b]	Nov. 1983[c]	Dec. 1982[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$436.72	$434.28	$408.36	42.4	42.0	41.5	$10.30	$10.34	$ 9.84
Durable Goods[d]	431.63	425.15	394.01	42.4	41.6	41.0	10.18	10.22	9.61
Furniture and fixtures	329.67	312.82	273.87	40.5	39.2	35.8	8.14	7.98	7.65
Primary metal industries	462.07	451.27	360.26	41.0	40.4	36.5	11.27	11.17	9.87
Fabricated metal products	390.70	380.66	378.78	41.3	40.8	41.9	9.46	9.33	9.04
Fabricated structural metal products	375.58	366.38	345.24	41.5	40.8	42.0	9.05	8.98	8.22
Machinery, except electrical	399.53	374.26	352.84	42.1	40.2	39.6	9.49	9.31	8.91
Metalworking machinery	422.90	403.25	385.61	40.2	38.7	38.6	10.52	10.42	9.99
General industrial machinery	356.01	331.85	345.20	41.3	39.6	40.9	8.62	8.38	8.44
Electric and electronic equipment	331.69	329.33	312.07	42.2	41.9	40.9	7.86	7.86	7.63
Transportation equipment	617.89	607.92	545.28	45.3	44.7	42.6	13.64	13.60	12.80
Motor vehicles and equipment	689.02	651.39	599.25	47.0	44.8	42.5	14.66	14.54	14.10
Nondurable Goods[e]	440.77	444.35	422.94	42.3	42.4	42.0	10.42	10.48	10.07
Food and kindred products	502.11	496.93	503.98	43.7	43.4	44.6	11.49	11.45	11.30
Meat products	422.57	437.03	431.80	42.9	44.1	41.4	9.85	9.91	10.43
Bakery products	481.11	463.26	428.83	43.5	42.0	42.5	11.06	11.03	10.09
Beverages	459.24	459.67	465.75	43.0	43.0	45.0	10.68	10.69	10.35
Apparel and other textile products	220.80	207.48	212.95	38.2	36.4	37.1	5.78	5.70	5.74
Paper and allied products	417.23	391.35	360.22	45.4	43.1	41.5	9.19	9.08	8.68
Printing and publishing	436.45	448.69	407.16	40.6	41.7	39.0	10.75	10.76	10.44
Chemicals and allied products	496.44	507.95	468.26	42.0	42.4	42.3	11.82	11.98	11.07
Rubber and misc. plastics products	355.02	377.35	346.02	44.6	46.3	43.8	7.96	8.15	7.90
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	536.92	525.86	541.13	36.5	35.7	37.5	14.71	14.73	14.43
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	453.94	455.09	414.18	39.2	39.3	39.0	11.58	11.58	10.62
WHOLESALE TRADE	353.22	346.12	327.66	40.6	40.2	39.1	8.70	8.61	8.38
RETAIL TRADE[f]	173.13	163.86	161.08	32.3	30.8	30.8	5.36	5.32	5.23
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
Banking	222.42	224.05	204.40	....	....	....	....	....	....
Insurance carriers	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
Federal government	......	......	......	....	....	....	....	....	....
State government (includes education)	......	......	......	....	....	....	....	....	....
Local government	......	......	......	....	....	....	....	....	....
Local government, except education	......	......	......	....	....	....	....	....	....
Local government education	......	......	......	....	....	....	....	....	....

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[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Cincinnati area is defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; stone, clay, and glass products; instruments and related products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CLEVELAND METROPOLITAN AREA[a]
DECEMBER 1983

Industry	Employment (in thousands)			Percent Change From[d]	
	December 1983[b]	November 1983[c]	December 1982[c]	November 1983	December 1982
TOTAL	840.1	837.7	837.3	.3	.3
MANUFACTURING	216.9	216.4	210.3	.2	3.1
Durable Goods[e]	150.7	150.3	147.0	.3	2.5
Furniture and fixtures	1.8	1.8	2.0	2.7	-10.0
Primary metal industries	25.3	25.2	23.5	.6	7.8
Blast furnace and basic steel products	12.2	12.2	11.4	.0	6.8
Iron and steel foundries	6.7	6.5	6.2	1.9	6.9
Nonferrous foundries	2.6	2.6	2.6	-.3	.8
Fabricated metal products	32.3	32.2	32.5	.1	-.7
Fabricated structural metal products	3.8	3.9	3.8	-1.5	-.2
Screw machine products, bolts, etc.	4.6	4.6	4.6	.1	1.0
Metal forgings and stampings	10.9	10.9	11.3	.1	-3.5
Machinery, except electrical	32.6	32.4	33.8	.4	-3.6
Construction and related machinery	5.4	5.4	5.4[h]	.1	1.0
Metalworking machinery	10.5	10.6	11.6	-.4	-9.5
Special industry machinery	3.2	3.2	3.2	.2	-.2
General industrial machinery	2.6	2.6	2.8	1.7	-6.2
Electric and electronic equipment	23.7	23.6	22.2	.5	6.7
Electrical industrial apparatus	8.0	7.9	8.2	.7	-2.7
Transportation equipment	21.2	21.1	19.9	.3	6.4
Motor vehicles and equipment	14.8	14.7	13.3	.8	11.0
Instruments and related products	5.6	5.6	5.8	-.1	-3.5
Nondurable Goods[f]	66.2	66.1	63.3	.1	4.5
Food and kindred products	8.1	8.1	7.8	.4	4.1
Bakery products	1.7	1.7	1.7	1.6	.9
Beverages	1.6	1.6	1.6	-.8	-1.7
Apparel and other textile products	5.7	5.7	5.4	1.2	6.9
Paper and allied products	5.1	5.0	4.9	.4	2.2
Printing and publishing	15.3	15.4	14.8	-.1	3.5
Chemicals and allied products	14.6	14.6	14.8	.3	-.7
Industrial inorganic chemicals	3.6	3.6	3.8	.1	-4.5
Rubber and misc. plastics products	11.2	11.3	9.8	-.8	13.7
NONMANUFACTURING[g]	623.2	621.3	626.9	.3	-.6
CONSTRUCTION	24.0	25.7	24.4	-6.7	-1.7
TRANSPORTATION AND PUBLIC UTILITIES	42.2	41.5[h]	43.2	1.5	-2.3
Communication, electric, gas services	19.6	19.5	20.0	.2	-2.2
WHOLESALE TRADE	59.8	59.7	60.9	.2	-1.7
RETAIL TRADE	137.1	134.4	139.7	2.0	-1.9
FINANCE, INSURANCE, AND REAL ESTATE	47.8	47.7	48.0	.2	-.3
Banking	13.0	13.0	13.3	-.4	-2.3
Insurance carriers	11.8	11.8	12.1	.3	-2.6
SERVICES	197.2	197.8	193.9	-.3	1.7
GOVERNMENT	113.9	113.3	115.6	.5	-1.5
Federal government	19.3	19.2	19.4	.8	-.5
State government (includes education)	8.1	8.0	8.2	1.7	-.7
Local government	86.4	86.2	88.0	.3	-1.8
Local government, except education	44.1	44.0	44.7	.2	-1.4
Local government education	42.4	42.2	43.3	.5	-2.2

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Cleveland area is defined as Cuyahoga, Geauga, Lake, and Medina Counties. Based on March 1982 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; stone, clay, and glass products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CLEVELAND METROPOLITAN AREA[a]
DECEMBER 1983

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	December 1983[b]	November 1983[c]	December 1982[c]	Dec. 1983[b]	Nov. 1983[c]	Dec. 1982[c]	Dec. 1983[b]	Nov. 1983[c]	Dec. 1982[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$447.94	$443.92	$409.37	42.1	41.8	39.9	$10.64	$10.62	$10.26
Durable Goods[d]	476.00	472.49	432.28	42.5	42.3	40.1	11.20	11.17	10.78
Furniture and fixtures	330.48	321.99	328.38	40.7	39.9	39.9	8.12	8.07	8.23
Primary metal industries	530.87	530.85	483.92	42.3	42.4	38.9	12.55	12.52	12.44
Blast furnace and basic steel products	480.90	482.56	502.87	37.6	37.7	36.1	12.79	12.80	13.93
Iron and steel foundries	696.31	696.83	552.35	47.4	47.5	42.1	14.69	14.67	13.12
Nonferrous foundries	360.59	361.05	345.42	41.4	41.5	40.4	8.71	8.70	8.55
Fabricated metal products	457.31	453.90	443.87	42.9	42.5	41.6	10.66	10.68	10.67
Fabricated structural metal products	330.65	332.13	336.36	38.9	38.8	39.9	8.50	8.56	8.43
Screw machine products, bolts, etc.	464.40	461.91	358.32	45.0	44.5	38.2	10.32	10.38	9.38
Metal forgings and stampings	566.87	563.05	576.79	44.6	44.3	44.3	12.71	12.71	13.02
Machinery, except electrical	445.71	456.54	402.23	41.5	42.0	38.9	10.74	10.87	10.34
Construction and related machinery	523.75	500.99	437.97	41.8	40.5	39.0	12.53	12.37	11.23
Metalworking machinery	430.96	421.07	399.64	41.8	41.0	38.8	10.31	10.27	10.30
Special industry machinery	454.73	451.33	417.09	40.1	39.8	39.2	11.34	11.34	10.64
General industrial machinery	423.12	419.01	374.87	43.0	42.8	37.3	9.84	9.79	10.05
Electric and electronic equipment	398.93	396.96	338.10	40.5	40.3	37.4	9.85	9.85	9.04
Electrical industrial apparatus	377.95	398.16	319.48	38.1	39.5	32.7	9.92	10.08	9.77
Transportation equipment	614.05	587.33	553.14	46.1	44.8	43.9	13.32	13.11	12.60
Motor vehicles and equipment	651.92	629.29	579.47	46.8	45.9	44.1	13.93	13.71	13.14
Instruments and related products	374.22	352.29	349.85	42.0	40.4	41.5	8.91	8.72	8.43
Nondurable Goods[e]	376.48	372.81	348.49	41.1	40.7	39.2	9.16	9.16	8.89
Food and kindred products	380.28	376.25	353.03	41.2	40.5	40.3	9.23	9.29	8.76
Bakery products	400.66	399.67	361.46	40.8	40.7	38.7	9.82	9.82	9.34
Beverages	359.54	357.44	341.65	42.6	42.3	42.6	8.44	8.45	8.02
Apparel and other textile products	277.01	272.53	254.45	39.8	39.1	37.2	6.96	6.97	6.84
Paper and allied products	416.54	411.15	374.24	43.8	43.6	40.9	9.51	9.43	9.15
Printing and publishing	367.46	371.86	370.00	36.6	36.6	37.0	10.04	10.16	10.00
Chemicals and allied products	471.71	462.58	413.03	43.0	42.4	40.1	10.97	10.91	10.30
Industrial inorganic chemicals	519.39	516.14	416.20	43.5	43.3	39.6	11.94	11.92	10.51
Rubber and misc. plastics products	347.87	345.77	321.94	43.0	42.9	40.7	8.09	8.06	7.91
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	715.86	683.34	639.75	38.8	37.3	37.5	18.45	18.32	17.06
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	513.70	509.94	480.76	40.9	40.6	40.4	12.56	12.56	11.90
WHOLESALE TRADE	351.83	344.75	333.13	39.8	39.4	39.1	8.84	8.75	8.52
RETAIL TRADE[f]	173.75	169.55	168.49	29.3	28.4	29.1	5.93	5.97	5.79
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
Banking	245.91	246.70	241.00	....	....	....	....	....	....
Insurance carriers	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
Federal government	......	......	......	....	....	....	....	....	....
State government (includes education)	......	......	......	....	....	....	....	....	....
Local government	......	......	......	....	....	....	....	....	....
Local government, except education	......	......	......	....	....	....	....	....	....
Local government education	......	......	......	....	....	....	....	....	....

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[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Cleveland area is defined as Cuyahoga, Geauga, Lake, and Medina Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; stone, clay, and glass products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN COLUMBUS METROPOLITAN AREA[a]
DECEMBER 1983

Industry	Employment (in thousands)			Percent Change From[d]	
	December 1983[b]	November 1983[c]	December 1982[c]	November 1983	December 1982
TOTAL	516.1	515.1	504.0	.2	2.4
MANUFACTURING	89.7	90.6	84.6	- .9	6.0
Durable Goods[e]	58.1	59.2	52.8	- 1.8	10.2
Stone, clay, and glass products	8.9	9.6	9.2	- 7.0	- 2.5
Fabricated metal products	10.3	10.4	8.6	- .9	20.7
Machinery, except electrical	10.6	10.6	10.0	.7	6.7
Electric and electronic equipment	10.5	10.9	9.7	- 4.0	7.7
Transportation equipment	8.9	8.9	7.2	.0	24.0
Nondurable Goods[f]	31.6	31.4	31.9	.7	- .9
Food and kindred products	10.0	10.0	10.0	.0	- .1
Printing and publishing	8.0	7.9	8.3	1.4	- 2.9
Chemicals and allied products	6.1	6.0	6.0	.2	.2
Rubber and misc. plastics products	2.8	2.7	2.7	1.0	1.6
NONMANUFACTURING[g]	426.3	424.5	419.4	.4	1.7
CONSTRUCTION	14.3	15.5	14.5	- 7.4	- 1.0
TRANSPORTATION AND PUBLIC UTILITIES	22.8	22.2	23.2	2.8	- 1.3
Communication, electric, gas services	11.1	10.6	11.0	4.7	.5
WHOLESALE TRADE	27.6	27.5	27.2	.4	1.5
RETAIL TRADE	98.4	96.7	97.7	1.8	.7
FINANCE, INSURANCE, AND REAL ESTATE	43.4	43.3	42.1	.2	3.2
Banking	8.6	8.6	8.4	.2	2.7
Insurance carriers	17.6	17.7	17.8	- .3	- .9
SERVICES	114.7	114.9	111.0	- .2	3.3
GOVERNMENT	104.4	103.6	103.1	.7	1.3
Federal government	11.4	11.3	11.3	.7	1.4
State government	49.6	49.2	49.9	.9	- .6
State government, except education	28.1	28.0	28.8	.3	- 2.3
State government education[i]	21.5	21.2	21.2	1.7	1.7
Local government	43.3	43.1	41.9	.5	3.4
Local government, except education	17.5	17.5	17.3	.1	1.0
Local government education	25.8	25.6	24.5	.8	5.1

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Columbus area is defined as Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. Based on March 1982 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes. [i] Includes State Universities, State Schools for Deaf and Blind, and the State Library. Excludes hospitals, the agricultural extension service, agricultural research centers, and departments coordinating and administering education programs (notably, the Ohio Department of Education).

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN COLUMBUS METROPOLITAN AREA[a]

DECEMBER 1983

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	December 1983[b]	November 1983[c]	December 1982[c]	Dec. 1983[b]	Nov. 1983[c]	Dec. 1982[c]	Dec. 1983[b]	Nov. 1983[c]	Dec. 1982[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$431.10	$421.82	$387.59	42.1	41.6	40.5	$10.24	$10.14	$ 9.57
Durable Goods[d]	451.56	443.31	404.60	42.4	42.1	40.5	10.65	10.53	9.99
Stone, clay, and glass products	403.62	395.65	360.50	42.0	41.0	39.1	9.61	9.65	9.22
Fabricated metal products	548.54	538.22	460.53	43.5	43.3	40.9	12.61	12.43	11.26
Machinery, except electrical	432.84	396.02	388.22	44.9	42.4	41.3	9.64	9.34	9.40
Electric and electronic equipment	438.68	441.23	402.41	42.1	43.3	41.7	10.42	10.19	9.65
Transportation equipment	541.89	541.01	527.33	44.2	44.2	44.5	12.26	12.24	11.85
Nondurable Goods[e]	386.16	375.03	356.81	41.3	40.5	40.5	9.35	9.26	8.81
Food and kindred products	379.96	367.09	359.94	41.8	41.2	42.0	9.09	8.91	8.57
Printing and publishing	448.15	446.56	429.37	38.6	38.2	39.5	11.61	11.69	10.87
Chemicals and allied products	470.41	436.60	390.57	43.8	41.9	40.6	10.74	10.42	9.62
Rubber and misc. plastics products	310.91	303.05	281.18	42.3	41.4	40.4	7.35	7.32	6.96
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	485.95	469.44	475.31	37.7	36.0	36.2	12.89	13.04	13.13
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	499.80	493.70	462.11	40.9	40.6	39.7	12.22	12.16	11.64
WHOLESALE TRADE	294.12	294.03	313.22	39.8	39.1	39.3	7.39	7.52	7.97
RETAIL TRADE[f]	164.02	162.42	157.18	29.5	28.9	29.6	5.56	5.62	5.31
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
Banking	228.53	231.56	228.35	....	....	....	....	....	....
Insurance carriers	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
Federal government	......	......	......	....	....	....	....	....	....
State government	......	......	......	....	....	....	....	....	....
State government, except education	......	......	......	....	....	....	....	....	....
State government education	......	......	......	....	....	....	....	....	....
Local government	......	......	......	....	....	....	....	....	....
Local government, except education	......	......	......	....	....	....	....	....	....
Local government education	......	......	......	....	....	....	....	....	....

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Columbus area is defined as Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN DAYTON METROPOLITAN AREA[a]
DECEMBER 1983

Industry	Employment (in thousands)			Percent Change From[d]	
	December 1983[b]	November 1983[c]	December 1982[c]	November 1983	December 1982
TOTAL	344.2	343.6	336.4	.2	2.3
MANUFACTURING	90.7	90.3	83.4	.4	8.7
Durable Goods[e]	62.8	62.6	57.9	.4	8.5
Stone, clay, and glass products	2.1	2.2	1.[illegible]	- 1.7	20.8
Fabricated metal products	7.0	7.0	6.1	- .3	13.8
Machinery, except electrical	29.6	29.4	28.1	.6	5.2
Metalworking machinery	6.2	6.1	6.3	1.0	- 1.8
Electric and electronic equipment	4.7	4.6	4.6	1.3	2.2
Electrical industrial apparatus	2.6	2.6	2.6	.2	1.2
Transportation equipment	13.5	13.5	12.2	.4	10.7
Nondurable Goods[f]	27.8	27.7	25.5	.5	9.2
Food and kindred products	3.1	3.1	2.9	- .1	4.8
Paper and allied products	5.6	5.6	5.2	- .1	7.8
Printing and publishing	7.5	7.4	7.3	.5	2.3
Rubber and misc. plastics products	8.2	8.1	6.9	1.0	18.1
NONMANUFACTURING[g]	253.5	253.3	253.0	.1	.2
CONSTRUCTION	9.2	9.9	9.2	- 6.9	.5
TRANSPORTATION AND PUBLIC UTILITIES	12.2	12.3	12.3	- .3	- .8
Communication, electric, gas services	5.6	5.6	6.0	- .2	- 7.1
WHOLESALE TRADE	16.6	16.5	16.7	.3	- 1.0
RETAIL TRADE	56.9	55.6	57.7	2.4	- 1.3
FINANCE, INSURANCE, AND REAL ESTATE	13.8	13.7	13.4	.2	2.8
SERVICES	76.9	77.4	75.3	- .6	2.0
GOVERNMENT	67.6	67.6	68.1	.0	- .6
Federal government	26.0	25.8	25.9	.5	.2
State government (includes education)	6.1	5.9	6.0	4.0	2.5
Local government	35.5	35.9	36.1	- 1.0	- 1.7
Local government, except education	12.8	12.8	12.9	- .1	- .3
Local government education	22.7	23.1	23.3	- 1.5	- 2.5

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Dayton area is defined as Greene, Miami, Montgomery, and Preble Counties. Based on March 1982 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN DAYTON METROPOLITAN AREA[a]
DECEMBER 1983

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	December 1983[b]	November 1983[c]	December 1982[c]	Dec. 1983[b]	Nov. 1983[c]	Dec. 1982[c]	Dec. 1983[b]	Nov. 1983[c]	Dec. 1982[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$485.97	$466.95	$405.02	43.9	42.8	40.3	$11.07	$10.91	$10.05
Durable Goods[d]	490.40	471.95	402.79	44.3	43.1	40.4	11.07	10.95	9.97
Stone, clay, and glass products	373.67	373.07	354.24	39.5	39.9	41.0	9.46	9.35	8.64
Fabricated metal products	385.00	344.76	310.86	43.9	40.8	39.3	8.77	8.45	7.91
Machinery, except electrical	525.78	505.52	422.51	45.8	44.5	41.1	11.48	11.36	10.28
Metalworking machinery	507.93	496.04	429.70	46.9	46.1	41.8	10.83	10.76	10.28
Electric and electronic equipment	329.25	326.42	316.71	40.9	40.6	41.4	8.05	8.04	7.65
Electrical industrial apparatus	362.90	344.51	333.74	42.1	40.2	40.7	8.62	8.57	8.20
Transportation equipment	611.88	607.05	483.55	44.5	44.9	39.7	13.75	13.52	12.18
Nondurable Goods[e]	475.58	455.76	410.00	43.0	42.2	40.0	11.06	10.80	10.25
Food and kindred products	369.87	359.90	390.80	40.6	39.9	40.0	9.11	9.02	9.77
Paper and allied products	401.46	404.05	365.85	42.8	43.4	42.1	9.38	9.31	8.69
Printing and publishing	439.70	409.70	392.83	39.9	37.9	37.2	11.02	10.81	10.56
Rubber and misc. plastics products	620.16	586.96	498.48	45.6	44.5	40.2	13.60	13.19	12.40
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	536.07	525.34	508.11	38.1	37.1	36.9	14.07	14.16	13.77
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	488.84	491.67	440.43	40.4	40.6	39.5	12.10	12.11	11.15
WHOLESALE TRADE	342.55	346.88	326.36	42.5	42.2	41.0	8.06	8.22	7.96
RETAIL TRADE[f]	160.13	157.93	155.78	30.1	29.3	29.9	5.32	5.39	5.21
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
Federal government	......	......	......	....	....	....	....	....	....
State government (includes education)	......	......	......	....	....	....	....	....	....
Local government	......	......	......	....	....	....	....	....	....
Local government, except education	......	......	......	....	....	....	....	....	....
Local government education	......	......	......	....	....	....	....	....	....

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Dayton area is defined as Greene, Miami, Montgomery, and Preble Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind.

[b] Preliminary.

[c] Revised.

[d] Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing.

[e] Includes tobacco manufactures; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products.

[f] Money payments only, tips not included.

[h] Low due to labor-management disputes during part of pay period.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN TOLEDO METROPOLITAN AREA[a]
DECEMBER 1983

Industry	Employment (in thousands)			Percent Change From[d]	
	December 1983[b]	November 1983[c]	December 1982[c]	November 1983	December 1982
TOTAL	293.5	293.2	282.8	.1	3.8
MANUFACTURING	74.6	74.4	65.4	.1	14.0
Durable Goods[e]	58.0	58.2	50.2	- .4	15.5
Stone, clay, and glass products	11.8	11.8	11.4	- .4	3.0
Primary metal industries	3.9	3.9	3.4	.2	13.0
Fabricated metal products	8.4	8.4	6.9	- .1	21.0
Metal forgings and stampings	4.2	4.1	3.2	1.2	30.3
Machinery, except electrical	5.9	5.7	6.0	2.2	- 2.3
General industrial machinery	1.5	1.4	1.6	1.2	- 10.9
Transportation equipment	20.5	20.7	14.8	- .7	38.5
Motor vehicles and equipment	19.3	19.4	13.6	- .8	42.2
Nondurable Goods[f]	16.6	16.3	15.2	2.1	9.0
Food and kindred products	4.3	4.1	4.0	3.7	5.6
Rubber and misc. plastics products	4.4	4.2	3.2	2.7	38.1
NONMANUFACTURING[g]	218.9	218.7	217.4	.1	.7
CONSTRUCTION	9.7	10.4	10.5	- 6.4	- 7.0
TRANSPORTATION AND PUBLIC UTILITIES	17.3	17.4	17.8	- .5	- 2.6
Communication, electric, gas services	7.4	7.3	7.7	.2	- 4.0
WHOLESALE TRADE	14.2	14.3	14.4	- .5	- 1.5
RETAIL TRADE	51.2	50.4	52.0	1.5	- 1.5
FINANCE, INSURANCE, AND REAL ESTATE	11.1	11.1	10.8	.4	2.5
SERVICES	66.3	66.2	64.4	.1	3.0
GOVERNMENT	48.6	48.5	47.1	.4	3.3
State government (includes education)	15.4	15.3	15.0	.3	2.3
Local government	30.5	30.4	29.3	.4	4.2
Local government, except education	11.6	11.6	10.9	- .1	6.1
Local government education	19.0	18.8	18.4	.8	3.1

[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Toledo area is defined as Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. Based on March 1982 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; electric and electronic equipment; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN TOLEDO METROPOLITAN AREA[a]
DECEMBER 1983

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	December 1983[b]	November 1983[c]	December 1982[c]	Dec. 1983[b]	Nov. 1983[c]	Dec. 1982[c]	Dec. 1983[b]	Nov. 1983[c]	Dec. 1982[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$511.49	$514.87	$452.10	44.4	44.5	41.1	$11.52	$11.57	$11.00
Durable Goods[d]	534.17	542.69	467.21	44.7	45.3	41.2	11.95	11.98	11.34
Stone, clay, and glass products	522.44	518.75	468.78	44.2	44.3	42.5	11.82	11.71	11.03
Primary metal industries	533.02	504.80	430.54	48.5	46.1	41.2	10.99	10.95	10.45
Fabricated metal products	502.74	521.44	437.96	44.1	45.7	41.2	11.40	11.41	10.63
Metal forgings and stampings	568.86	555.62	502.38	45.4	44.7	41.9	12.53	12.43	11.99
Machinery, except electrical	462.84	458.60	397.17	43.5	42.9	38.9	10.64	10.69	10.21
General industrial machinery	503.65	500.22	424.62	42.9	42.0	36.7	11.74	11.91	11.57
Transportation equipment	601.10	622.91	543.02	45.4	46.8	41.9	13.24	13.31	12.96
Motor vehicles and equipment	599.32	621.97	540.43	45.3	46.8	41.7	13.23	13.29	12.96
Nondurable Goods[e]	427.80	406.81	401.88	43.3	41.3	40.8	9.88	9.85	9.85
Food and kindred products	484.73	427.38	416.17	45.6	41.9	41.7	10.63	10.20	9.98
Rubber and misc. plastics products	357.14	344.87	349.70	43.5	41.5	40.9	8.21	8.31	8.55
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	621.43	607.30	633.36	37.1	36.3	39.0	16.75	16.73	16.24
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	510.43	501.40	469.12	41.6	41.2	40.9	12.27	12.17	11.47
WHOLESALE TRADE	333.59	336.55	333.31	38.3	37.9	38.4	8.71	8.88	8.68
RETAIL TRADE[f]	166.62	162.13	162.21	29.7	28.9	29.6	5.61	5.61	5.48
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
State government (includes education)	......	......	......	....	....	....	....	....	....
Local government	......	......	......	....	....	....	....	....	....
Local government, except education	......	......	......	....	....	....	....	....	....
Local government education	......	......	......	....	....	....	....	....	....

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[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Toledo area is defined as Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; furniture and fixtures; electric and electronic equipment; instruments and related products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN YOUNGSTOWN-WARREN METROPOLITAN AREA[a]
DECEMBER 1983

Industry	Employment (in thousands)			Percent Change From[d]	
	December 1983[b]	November 1983[c]	December 1982[c]	November 1983	December 1982
TOTAL	185.9	186.0	177.8	.0	4.6
MANUFACTURING	56.9	56.4	48.6	.8	17.0
Durable Goods[e]	51.8	51.2	43.7	1.2	18.5
Stone, clay, and glass products	1.7	1.9	1.5	-11.2	15.1
Primary metal industries	24.6	24.4	20.3	.6	21.0
Blast furnace and basic steel products	10.3	10.3	8.7	.1	18.3
Fabricated metal products	8.9	8.8	7.8	1.7	13.7
Fabricated structural metal products .	2.3	2.2	2.5	5.5	-4.7
Machinery, except electrical	3.3	3.3	4.3	.3	-22.6
Metalworking machinery	1.2	1.2	2.2	-.7	-44.2
Electric and electronic equipment	2.6	2.6	1.9	.0	40.1
Transportation equipment	9.1	8.6[h]	6.2	5.6	45.9
Nondurable Goods[f]	5.1	5.2	4.9	-3.1	4.2
NONMANUFACTURING[g]	129.0	129.5	129.2	-.4	-.1
CONSTRUCTION	4.7	5.3	5.0	-9.7	-4.4
TRANSPORTATION AND PUBLIC UTILITIES	7.7	7.9	8.0	-1.7	-3.0
Communication, electric, gas services ..	3.1	3.1	3.2	.1	-3.4
WHOLESALE TRADE	8.1	8.0	8.0	.8	.5
RETAIL TRADE	35.1	34.6	36.3	1.4	-3.4
FINANCE, INSURANCE, AND REAL ESTATE	7.3	7.3	7.1	.3	2.4
SERVICES	40.7	40.9	39.6	-.6	2.8
GOVERNMENT	24.3	24.4	24.1	-.7	.6
Local government (includes education) ..	18.5	18.7	18.3	-1.2	.8

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Youngstown-Warren area is defined as Mahoning and Trumbull Counties. Based on March 1982 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; instruments and related products; miscellaneous manufacturing. [f] Includes food and kindred products; tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and misc. plastics products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN YOUNGSTOWN-WARREN METROPOLITAN AREA[a]
DECEMBER 1983

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	December 1983[b]	November 1983[c]	December 1982[c]	Dec. 1983[b]	Nov. 1983[c]	Dec. 1982[c]	Dec. 1983[b]	Nov. 1983[c]	Dec. 1982[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$547.78	$546.74	$484.00	43.2	43.6	40.3	$12.68	$12.54	$12.01
Durable Goods[d]	562.46	562.39	496.11	43.4	43.8	40.4	12.96	12.84	12.28
Stone, clay, and glass products	361.49	366.68	313.56	39.9	39.9	38.1	9.06	9.19	8.23
Primary metal industries	551.95	533.66	477.67	41.5	40.8	37.0	13.30	13.08	12.91
Blast furnace and basic steel products	502.04	501.68	471.97	39.1	38.8	34.4	12.84	12.93	13.72
Fabricated metal products	641.16	650.89	512.11	46.8	47.2	41.5	13.70	13.79	12.34
Fabricated structural metal products	468.06	452.63	398.82	43.5	42.5	39.1	10.76	10.65	10.20
Machinery, except electrical	462.56	448.92	459.03	39.3	38.6	39.1	11.77	11.63	11.74
Metalworking machinery	481.73	445.90	488.72	41.6	39.6	41.0	11.58	11.26	11.92
Electric and electronic equipment	398.57	413.34	393.02	40.3	41.5	39.9	9.89	9.96	9.85
Transportation equipment	653.90	701.10	664.25	47.8	51.4	50.9	13.68	13.64	13.05
Nondurable Goods[e]	370.06	362.56	355.81	40.8	41.2	39.1	9.07	8.80	9.10
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	570.60	518.83	557.65	36.0	33.8	36.4	15.85	15.35	15.32
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	484.33	483.14	448.40	40.7	40.6	40.0	11.90	11.90	11.21
WHOLESALE TRADE	332.12	331.59	308.70	36.1	36.2	35.2	9.20	9.16	8.77
RETAIL TRADE[f]	170.70	169.31	162.00	30.0	29.6	30.0	5.69	5.72	5.40
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
Local government (includes education)	......	......	......	....	....	....	....	....	....

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Youngstown-Warren area is defined as Mahoning and Trumbull Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; furniture and fixtures; instruments and related products; miscellaneous manufacturing. [e] Includes food and kindred products; tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and misc. plastics products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

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NOTES ON OHIO EMPLOYMENT, HOURS, AND EARNINGS ESTIMATES

Civilian Labor Force Estimates

Civilian Labor Force.—Estimated number of workers 16 years of age and over, employed or unemployed during week including 12th of month, distributed by place of residence.

Total Employed.—Includes nonagricultural wage and salary workers, the self-employed, unpaid family workers, domestics, agricultural workers, and persons involved in labor disputes. Estimates of self-employed, domestics, and unpaid family workers based on data from U.S. Department of Labor and Bureau of the Census. Agricultural worker estimates derived from information supplied by U.S. Department of Agriculture. Estimates of workers involved in labor disputes based in part upon data from Federal Mediation and Conciliation Service. Employment distributed by place of residence.

Total Unemployed.—Estimated number of persons, by place of residence, who did not work during reference week and were looking for work, whether or not eligible for unemployment compensation. Includes those who did not work and were waiting to be called back to an old job or to report to a new job.

Nonagricultural Wage and Salary Employment

Collection.—Nonagricultural wage and salary employment as well as hours and earnings estimates based on monthly reports from sample of employers. Under cooperative arrangement with U.S. Bureau of Labor Statistics, Division of Research and Statistics of Ohio Bureau of Employment Services mails, edits, and processes Ohio reports, which are subsequently incorporated in national data.

Industrial Classification.—Employer establishments classified by industry on basis of their principal product or service. The Standard Industrial Classification Manual (U.S. Office of Management and Budget, Washington, D. C., 1972, amended 1977) used for classification.

Coverage.—Monthly reports on employment and (for most industries) payroll and hours obtained from approximately 8,000 Ohio employers.

Coverage of Ohio Nonagricultural Employment Sample

Industry Division	Approximate Percentage Covered by Sample
Total	43
Manufacturing	62
Nonmanufacturing	35
Mining	63
Construction	24
Transportation and Public Utilities	47
Wholesale Trade	19
Retail Trade	18
Finance, Insurance, and Real Estate	47
Services and Miscellaneous	21
Government	68

Nonagricultural Employment.—Persons who worked during, or received pay for, any part of pay periods which include 12th of month, distributed by place of employment. Includes persons on paid sick leave, paid holiday, or paid vacation. Excluded are persons laid off, on strike, or on unpaid vacation during entire reporting period. Proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers also excluded. Government employment covers only civilian employees. Full-time teachers considered employed during the summer vacation period, whether or not paid in those months.

Estimating Method.—Total employment is estimated from the employment of establishments reporting for two consecutive months, as follows:

$$\underset{\text{(current month)}}{\text{Total Employment}} = \underset{\text{(previous month)}}{\text{Total Employment}} \times \frac{\text{Sample Employment (current month)}}{\text{Sample Employment (previous month)}}$$

Benchmark Data.—Employment estimates compared annually with complete count of employment, by industry. Where revisions necessary, monthly estimates adjusted to new benchmark. Following revisions to new benchmark, industry data projected forward to current month by use of sample trends. Basic source of benchmark information is tabulations of employment data, by industry and area, compiled from contribution reports of employers covered under Ohio Unemployment Compensation Law.

Hours and Earnings

Method of Computing Averages.—Average hours computed by dividing total production worker hours worked during one week (the seven-day periods which include 12th of month) by number of production workers reported for such week. Average hourly earnings computed by dividing total production worker payroll for one week by total production worker hours for week. Average weekly earnings derived by multiplying average hourly earnings by average weekly hours.

Definitions.—Definitions of production or similar workers, payroll, and hours—from which average hours and earnings data are derived—follow:

Production Workers.—Includes working supervisors and all nonsupervisory workers (including group leaders and trainees) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping, maintenance, repair, janitorial and guard services, product development, auxiliary production for plant's own use (such as power plant), and record keeping and other services closely associated with production operations.

Nonsupervisory Workers.—Includes employees (not above working supervisory level) such as office and clerical workers, repairers, salespersons, operators, drivers, attendants, service employees, line installers, laborers, accountants, janitors, guards, and other employees whose services are closely associated with those of occupations listed.

Payroll.—Represents payroll for full- and part-time production, construction, or nonsupervisory workers who received pay for any part of pay periods which include 12th of month. Payroll is reported before deductions for social security, group insurance, withholding tax, bonds, and union dues; also includes pay for overtime, holidays, vacations, and sick leave paid directly by the firm. Bonuses (unless earned and paid regularly each pay period), tips, pay not earned in pay period reported (such as retroactive pay), and value of free rent, fuel, meals, or other payments in kind, excluded.

Hours.—Represents hours worked or paid for, during pay periods which include 12th of month, for production, construction, or nonsupervisory workers. Hours include time paid for holidays and vacations, and for sick leave when pay received directly from firm.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

Ohio Labor Market Information
BUREAU OF EMPLOYMENT SERVICES
JOB SERVICE OF OHIO

RICHARD F. CELESTE, *Governor*
DR. ROBERTA STEINBACHER, *Administrator*

3/23/84

S6270-1 A-

EMPLOYMENT, HOURS, AND EARNINGS IN OHIO
JANUARY 1984

Summary: Ohio's seasonally adjusted jobless rate dropped from 10.5 percent in December 1983 to 9.3 percent in January 1984. Actual unemployment, at 512,000 in January, represented 10.3 percent of the workforce--down from 528,000 (10.5 percent) in December. Total employment dipped 1.4 percent, to 4,452,000. Seasonal downturns among nonmanufacturing industries lowered nonfarm payroll employment 2.2 percent, to 4,083,000.

Factory Employment: Manufacturing industries in Ohio employed 1,101,000 workers in January, fractionally below the previous month. Seasonal cutbacks in the production of structural clay products and ready-mixed concrete lowered employment in stone, clay, and glass products. Fewer orders led to layoffs in the production of food and paper products and motor vehicles. More business, however, prompted gains in the manufacture of refrigeration equipment.

Nonmanufacturing Employment: Employment in Ohio's nonmanufacturing industries dropped 3.0 percent from December, to 2,982,000 in January. Retailing declined seasonally as department and apparel stores released thousands of temporary Christmas personnel. Snow and frigid temperatures hampered construction and other outdoor activities in January. The decrease in government employment was attributable chiefly to temporary furloughs of nonteaching personnel reported among several public schools and colleges.

Factory Earnings: Average weekly earnings of Ohio's factory production workers slipped $2 from December's record high, to $462 in January. The average workweek, at 42.6 hours, was .2 hours shorter. Overtime curtailments lowered earnings in the production of communication equipment, metal stampings, fabricated structural metals, and aircraft components. Producers of nonferrous castings, special industry machinery, and meat products reported shorter schedules workweeks. Stepped-up overtime, on the other hand, boosted earnings in the production of automotive hardware. Higher hourly earnings in household appliances reflected wage-rate increases.

Over the Year: The seasonally adjusted unemployment rate for Ohio fell from 13.8 percent in January 1983 to 9.3 in January 1984. On an unadjusted basis, the number of jobless decreased by 225,000. Nonfarm payroll employment jumped 3.0 percent, due mainly to gains in manufacturing industries, notably motor vehicles, automotive stampings, plastic products, and basic steel. Expansion in services, retail trade, and construction boosted nonmanufacturing. Gross ~~weekly earnings of th~~e average factory production worker climbed nearly $47 over the year, as the average workweek rose 2.3 hours.

For additional information, write DIXIE SOMMERS, *Director*
Labor Market Information Division, BUREAU OF EMPLOYMENT SERVICES, COLUMBUS 43216

EMPLOYMENT, HOURS, AND EARNINGS IN MAJOR METROPOLITAN AREAS

Akron.--Nonagricultural wage and salary employment in the Akron area totaled 243,400 in January, down 7,400 from the previous month. Post-holiday cutbacks in retail trade, term breaks in state-supported universities, and seasonal declines in construction lowered nonmanufacturing for the overall loss. Factory employment rose slightly to 66,200. Production workers in the area's manufacturing establishments averaged $10.82 per hour for a 44.3 hour workweek in January, 19¢ and 1.2 hours below December figures.

Canton.--Nonfarm wage and salary employment in Canton totaled 143,100 in January, 3,600 down from December. Manufacturing, at 44,500, decreased 400 for the month. Most of the loss occurred in nonmanufacturing, as most component industries slipped seasonally, notably retail trade and construction. Factory production workers averaged $10.91 per hour for a workweek of 40.6 hours--up 3¢ but down .2 hours from December.

Cincinnati.--Nonagricultural establishments in Cincinnati employed 572,200 workers in January, down 11,600 from December. Manufacturing was up 1,700, to 143,400, as a large auto assembly plant recalled employees furloughed in December because of materials shortages. Seasonal cutbacks in all industry groups of nonmanufacturing--notably, retail trade, services, and construction--more than offset the manufacturing gain. The average factory workweek dipped .6 hours, to 41.8. Earnings at $10.44 per hour, were 15¢ higher than in December.

Cleveland.--Cleveland's nonfarm payroll employment decreased 18,200 from December, to 819,700 in January. Producers of motor vehicles and equipment reported moderate cutbacks as manufacturing slipped 200, to 211,900. Nonmanufacturing declined considerably, as all industries experienced shrinkage--chiefly retail trade, services, and other highly seasonal industry groups. Hourly earnings of Cleveland's factory production workers, at $10.72 in January, were up 4¢ from December. Their workweek, at 42.1 hours, was shorter by .2 hours.

Columbus.--Nonfarm wage and salary employment in Columbus totaled 504,200 in January, down 11,500 from the previous month. Manufacturing increased fractionally to 86,300 for the month. Seasonal decreases in retailing, services, and education lowered nonmanufacturing. Production workers in the manufacturing industries grossed $10.33 per hour for a workweek of 41.4 hours in January--2¢ and .9 hours below their December averages.

Dayton.--Nonfarm payroll employment in Dayton decreased 4,700 from December, to 339,600 in January. Nonmanufacturing accounted for the loss, due to the seasonal decline of retail trade and construction. Factory employment advanced 300, to 90,400, with the gain in durable-goods industries. The average factory workweek, at 43.2 hours, was .7 hours shorter. Production workers grossed $11.05 per hour in January, 6¢ below the December average.

Toledo.--Nonfarm industries in the Toledo area employed 285,600 workers in January, down 5,500 from December. Most of the job loss, centered in nonmanufacturing industries, was seasonal in nature. Recalls by producers of fabricated metals boosted manufacturing for the month by 400, to 74,300. Average hourly earnings of factory production workers, at $11.40 in January, were down 17¢ from the previous month. The average workweek was shorter by 1.2 hours, at 43.3.

Youngstown-Warren.--Youngstown-Warren's nonagricultural payroll employment slipped 4,400 from December, to 177,600 in January. Manufacturing--at 55,400--showed a decline of 200 in durable goods. Nonmanufacturing accounted for most of the loss, as retailing, government and construction decreased seasonally. Factory production workers averaged $12.88 per hour in January, up 20¢ from December. Their average workweek, at 44.8 hours, was 1.6 hours longer.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 2-21-84

EMPLOYMENT IN MAJOR METROPOLITAN AREAS[a]

Year and Month	Akron[b]	Canton[c]	Cincinnati[d]	Cleveland[e]	Columbus[f]	Dayton[g]	Toledo[h]	Youngstown-Warren[j]
	NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT (in thousands)							
1973	255.1	147.9	534.5	865.2	451.0	335.6	285.8	211.6
1974	259.0	152.1	542.2	879.2	457.6	334.9	285.6	213.5
1975	248.4	145.0	531.2	850.6	445.4	321.4	275.5	200.7
1976	247.3	145.9	541.9	860.0	456.1	331.5	282.6	203.5
1977	259.3	149.8	562.1	880.9	471.6	343.1	292.1	208.0
1978	266.6	156.1	591.2	905.8	493.8	358.5	302.1	210.3
1979	270.9	160.7	607.4	919.8	507.3	364.9	306.0	213.9
1980	262.4	157.1	600.6	895.6	509.8	355.7	293.1	203.1
1981	259.6	156.6	592.2	880.7	506.6	352.5	290.9	198.7
1982	248.0	148.6	575.3	844.6	495.1	336.3	281.9	180.6
1983	245.0	143.6	573.7	826.0	500.0	335.4	281.0	177.6
1983								
January .	236.8	139.4	560.1	807.3	485.5	328.1	274.7	168.9
February.	238.5	139.2	557.6	807.8	485.1	327.6	272.6	169.4
March ...	239.8	140.4	563.2	812.4	488.3	330.4	271.9	174.1
April ...	242.5	141.9	570.6	816.0	495.0	332.4	276.2	176.4
May	246.0	143.8	575.3	825.5	493.7	334.8	281.8	178.7
June	242.9	144.9	578.8	838.5	503.8	337.4	281.1	179.4
July	245.4	144.5	573.0	832.8	498.0	331.4	277.6	178.9
August ..	244.3	143.9	571.8	835.5	496.3	331.4	277.5	177.3
September	251.3	146.1	580.8	834.3	504.9	340.7	287.3	182.3
October .	250.3	145.9	584.0	835.5	512.6	342.1	289.6	181.3
November.	251.4	146.7	585.5	835.7	514.7	343.9	291.1	182.0
December.	250.9	146.7	583.8	837.9	515.7	344.3	291.1	182.0
1984								
January .	243.4	143.1	572.2	819.7	504.2	333.6	285.6	177.6
	MANUFACTURING EMPLOYMENT (in thousands)							
1973	94.0	61.7	165.5	288.1	106.0	117.7	93.4	93.0
1974	94.2	62.2	166.6	287.1	104.3	113.1	89.8	92.0
1975	84.5	55.3	153.9	260.3	93.1	100.1	80.7	80.8
1976	80.3	54.8	155.6	265.1	94.2	104.0	84.8	80.6
1977	85.6	56.0	161.1	270.8	98.9	109.2	88.2	81.1
1978	85.9	57.1	169.2	275.6	101.2	112.0	90.5	79.4
1979	85.6	59.1	173.1	276.3	101.1	109.5	88.6	79.9
1980	79.1	55.7	162.4	254.9	96.8	99.4	75.4	70.8
1981	75.7	54.8	157.3	246.8	93.1	97.8	74.6	67.3
1982	68.3	47.6	146.3	223.0	85.9	87.6	69.0	52.9
1983	65.1	43.6	140.7	207.6	84.0	86.2	69.1	53.0
1983								
January .	63.5	41.8	138.9	204.4	81.7	83.2	66.2	47.9
February.	64.0	42.2	137.5	204.7	81.9	83.2	65.4	48.8
March ...	64.1	42.5	138.3	205.5	82.2	83.8	63.2	52.1
April ...	64.7	42.5	139.7	205.1	82.8	84.5	65.8	52.6
May	64.7	43.3	139.0	206.1	83.2	85.3	67.8	52.9
June	65.0	44.4	140.5	207.8	83.5	86.0	68.8	53.3
July	65.5	44.3	140.0	206.2	83.5	85.2	68.9	53.9
August ..	65.6	44.1	141.8	206.5	84.3	86.1	70.0	53.1
September	66.0	44.6	141.4	209.9	85.3	88.6	72.7	55.2
October .	66.1	44.2	144.2	210.9	86.6	88.7	73.2	54.9
November.	66.4	44.8	144.8	211.6	86.8	89.8	73.9	55.2
December.	66.2	44.9	141.7	212.1	86.2	90.2	74.0	55.6
1984								
January .	66.2	44.5	143.4	211.9	86.3	90.4	74.3	55.4

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. [b] Akron includes Portage and Summit Counties. [c] Canton includes Carroll and Stark Counties. [d] Cincinnati includes Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. [e] Cleveland includes Cuyahoga, Geauga, Lake, and Medina Counties. [f] Columbus includes Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. [g] Dayton includes Greene, Miami, Montgomery, and Preble Counties. [h] Toledo includes Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. [j] Youngstown-Warren includes Mahoning and Trumbull Counties.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

MANUFACTURING PRODUCTION WORKERS AND AVERAGE WEEKLY HOURS IN MAJOR METROPOLITAN AREAS[a]

Year and Month	Akron[b]	Canton[c]	Cincinnati[d]	Cleveland[e]	Columbus[f]	Dayton[g]	Toledo[h]	Youngstown-Warren[j]
	MANUFACTURING PRODUCTION WORKERS (in thousands)							
1973	55.5	46.3	115.2	200.4	74.1	85.0	66.5	75.6
1974	56.1	46.9	115.3	199.5	71.2	79.5	63.1	74.2
1975	48.4	40.5	106.3	176.0	64.2	70.9	55.1	63.3
1976	44.5	40.4	107.8	180.9	65.4	73.4	59.3	63.3
1977	49.2	41.1	110.7	184.0	68.6	75.7	62.8	63.6
1978	49.4	42.2	116.4	188.0	70.1	77.5	64.1	62.5
1979	53.8	43.2	117.0	188.6	69.1	74.4	61.7	62.5
1980	47.5	40.1	106.6	169.2	64.6	65.5	49.6	54.1
1981	43.7	39.6	103.5	161.8	61.3	64.4	49.2	50.8
1982	36.9	33.3	95.5	141.8	55.1	55.6	45.2	38.1
1983	35.6	30.8	92.2	132.1	[k]54.2	54.9	47.2	39.3
1983								
January .	33.9	29.0	90.1	128.3	51.7	52.1	43.5	34.1
February.	34.5	29.4	89.1	128.7	52.2	52.4	42.8	35.1
March ...	34.6	29.7	89.8	129.4	52.4	52.9	40.7	38.0
April ...	35.2	29.7	90.9	129.6	53.2	53.5	43.7	38.6
May	35.3	30.4	90.5	130.8	53.5	54.2	45.7	39.0
June	35.4	31.4	91.7	132.2	53.9	54.7	46.9	39.5
July	35.8	31.3	91.4	130.4	53.8	53.7	47.0	40.2
August ..	36.1	31.2	93.4	131.2	54.5	54.4	48.3	39.4
September	36.4	31.6	93.1	134.8	55.5	57.0	50.9	41.7
October .	36.5	31.4	95.9	135.8	56.7	57.4	51.6	41.5
November.	37.0	31.9	96.8	136.7	56.8	58.3	52.5	41.8
December.	36.8	32.1	93.8	137.0	56.6	58.7	52.7	42.2
1984								
January .	36.9	31.6	95.7	136.6	56.8	58.9	53.1	41.9
	MANUFACTURING PRODUCTION WORKERS' AVERAGE WEEKLY HOURS							
1973	43.0	41.0	42.2	43.2	40.8	43.3	43.1	42.9
1974	42.3	40.1	41.4	42.1	39.7	41.0	41.2	40.7
1975	41.1	39.4	40.8	40.4	39.6	41.3	40.4	38.6
1976	42.1	39.6	41.1	41.9	40.1	43.2	41.5	39.5
1977	42.3	39.7	41.6	42.8	40.3	43.5	42.7	40.4
1978	42.3	40.3	42.1	42.9	40.4	42.8	42.4	41.4
1979	41.6	40.9	41.5	42.2	40.1	42.1	40.9	40.7
1980	41.5	39.0	41.2	40.6	39.5	41.5	40.6	39.9
1981	41.8	40.0	41.1	41.1	40.0	41.4	40.9	40.8
1982	41.0	38.6	40.5	39.9	39.8	40.0	41.1	39.3
1983	43.1	39.6	41.1	40.9	40.7	41.9	42.9	42.1
1983								
January .	42.5	38.7	40.4	39.8	39.9	40.0	41.5	40.1
February.	42.5	38.6	40.4	39.8	40.0	40.2	41.6	40.6
March ...	43.3	39.1	40.8	40.1	40.4	40.8	42.0	41.1
April ...	42.5	39.5	40.8	40.4	40.2	41.1	42.5	41.3
May	42.6	38.9	40.8	40.6	40.3	41.1	42.7	42.4
June	42.3	39.8	41.3	41.3	40.8	42.0	42.2	41.4
July	42.4	38.8	40.9	40.6	40.5	42.1	41.9	42.7
August ..	42.9	39.2	40.9	41.0	40.5	42.1	42.6	41.3
September	43.5	40.8	41.3	41.7	40.8	43.0	43.9	42.4
October .	43.2	40.2	41.3	41.5	41.0	42.7	43.9	43.9
November.	44.0	40.7	42.0	41.8	41.6	42.8	44.5	43.6
December.	45.5	40.8	42.4	42.3	42.3	43.9	44.5	43.2
1984								
January .	44.3	40.6	41.8	42.1	41.4	43.2	43.3	44.8

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. [b] Akron includes Portage and Summit Counties. [c] Canton includes Carroll and Stark Counties. [d] Cincinnati includes Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. [e] Cleveland includes Cuyahoga, Geauga, Lake, and Medina Counties. [f] Columbus includes Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. [g] Dayton includes Greene, Miami, Montgomery, and Preble Counties. [h] Toledo includes Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. [j] Youngstown-Warren includes Mahoning and Trumbull Counties. [k] Not comparable to prior data due to change in sample composition.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

EARNINGS IN MAJOR METROPOLITAN AREAS[a]

Year and Month	Akron[b]	Canton[c]	Cincinnati[d]	Cleveland[e]	Columbus[f]	Dayton[g]	Toledo[h]	Youngstown–Warren[j]
	MANUFACTURING PRODUCTION WORKERS' AVERAGE HOURLY EARNINGS							
1973	$ 4.99	$ 4.80	$ 4.44	$ 4.83	$ 4.36	$ 5.00	$ 5.01	$ 5.29
1974	5.28	5.24	4.82	5.21	4.73	5.29	5.39	5.80
1975	5.66	5.64	5.19	5.63	5.18	5.73	5.80	6.39
1976	6.02	6.18	5.65	6.22	5.64	6.28	6.32	7.02
1977	6.75	6.88	6.27	6.84	6.08	6.92	7.00	7.76
1978	7.19	7.56	6.81	7.50	6.55	7.38	7.53	8.54
1979	7.73	8.09	7.31	8.00	7.05	8.00	8.14	9.27
1980	8.72	8.79	8.06	8.63	7.73	8.65	8.90	10.27
1981	9.50	9.76	8.78	9.62	8.67	9.61	9.93	11.62
1982	9.83	10.22	9.57	10.10	9.31	10.02	10.89	11.72
1983	10.49	10.66	10.11	10.45	9.97	10.61	11.28	12.38
1983								
January .	10.21	10.56	9.85	10.29	9.62	10.16	11.10	12.00
February.	10.21	10.62	9.93	10.28	9.70	10.23	11.12	12.22
March ...	10.34	10.41	10.01	10.25	9.76	10.31	10.99	12.21
April ...	10.24	10.39	10.06	10.31	9.87	10.35	11.14	12.22
May	10.35	10.53	10.10	10.42	9.90	10.47	11.29	12.45
June	10.34	10.63	10.11	10.49	10.01	10.56	11.14	12.33
July	10.35	10.59	10.12	10.43	10.04	10.72	11.16	12.54
August ..	10.40	10.75	10.18	10.42	9.95	10.58	11.25	12.25
September	10.61	10.84	10.10	10.57	10.06	10.80	11.40	12.40
October .	10.82	10.78	10.23	10.55	10.11	10.86	11.43	12.58
November.	10.85	10.84	10.34	10.62	10.14	10.91	11.57	12.54
December.	11.01	10.88	10.29	10.68	10.35	11.11	11.57	12.68
1984								
January .	10.82	10.91	10.44	10.72	10.33	11.05	11.40	12.88
	MANUFACTURING PRODUCTION WORKERS' AVERAGE WEEKLY EARNINGS							
1973	$214.57	$196.80	$187.37	$208.66	$177.89	$216.50	$215.93	$226.94
1974	223.34	210.12	199.55	219.34	187.78	216.89	222.07	236.06
1975	232.63	222.22	211.75	227.45	205.13	236.65	234.32	246.65
1976	253.44	244.73	232.22	260.62	226.16	271.30	262.28	277.29
1977	285.53	273.14	260.83	292.75	245.02	301.02	298.90	313.50
1978	304.14	304.67	286.70	321.75	264.62	315.86	319.27	353.56
1979	321.57	330.88	303.37	337.60	282.71	336.80	332.93	377.29
1980	361.88	342.81	332.07	350.38	305.34	358.98	361.34	409.77
1981	397.10	390.40	360.86	395.38	346.80	397.85	406.14	474.10
1982	403.03	394.49	387.59	402.99	370.54	400.80	447.58	460.60
1983	452.12	422.14	415.52	427.41	405.78	444.56	483.91	521.20
1983								
January .	433.93	408.67	397.94	409.54	383.84	406.40	410.65	481.20
February.	433.93	409.93	401.17	409.14	388.00	411.25	462.59	496.13
March ...	447.72	407.03	408.41	411.03	394.30	420.65	461.56	501.83
April ...	435.20	410.41	410.45	416.52	396.77	425.39	473.45	504.69
May	440.91	409.62	412.08	423.05	398.97	430.32	482.08	527.88
June	437.38	423.07	417.54	433.24	408.41	443.52	470.11	510.46
July	438.84	410.89	413.91	423.46	406.62	451.31	467.60	535.46
August ..	446.16	421.40	415.34	427.22	402.98	445.42	479.25	505.93
September	461.54	442.27	417.13	440.77	410.45	464.40	500.46	525.76
October .	467.42	433.36	422.50	437.83	414.51	463.72	501.78	552.26
November.	477.40	441.19	434.28	443.92	421.82	466.95	514.87	546.74
December.	500.96	443.90	436.30	451.76	437.81	487.73	514.87	547.78
1984								
January .	479.33	442.95	436.39	451.31	427.66	477.36	493.62	577.02

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Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

CIVILIAN LABOR FORCE ESTIMATES FOR MAJOR METROPOLITAN AREAS[a]
(In thousands)

Year and Month	Civilian Labor Force	Total Employed	Unemployed	
			Total Unemployed	Unemployment Rate
AKRON[b]				
1972	282.2	267.3	14.8	5.3
1973	287.1	274.9	12.2	4.3
1974	290.8	277.7	13.0	4.5
1975	292.0	264.3	27.7	9.5
1976	291.3	266.3	25.0	8.6
1977	294.2	274.7	19.5	6.6
1978	298.9	282.2	16.7	5.6
1979	303.8	285.4	18.4	6.1
1980	304.5	278.3	26.2	8.6
1981	304.1	274.9	29.1	9.6
1982	305.8	269.4	36.4	11.9
1982				
December	304.5	262.9	41.6	13.7
1983				
January	296.9	252.3	44.6	15.0
February	297.1	254.7	42.5	14.3
March	301.8	261.4	40.4	13.4
April	306.7	267.5	39.2	12.8
May	311.6	271.5	40.1	12.9
June	311.8	272.9	38.9	12.5
July	319.1	285.2	33.9	10.6
August	315.2	282.9	32.3	10.2
September	311.8	277.9	33.9	10.9
October	314.6	280.6	34.0	10.8
November	315.9	280.2	35.6	11.3
December[p]	311.7	277.0	34.7	11.1
CANTON[c]				
1972	165.6	155.3	10.3	6.2
1973	171.2	163.1	8.1	4.7
1974	175.6	167.5	8.1	4.6
1975	174.7	158.0	16.7	9.6
1976	174.4	158.6	15.8	9.1
1977	175.9	163.1	12.9	7.3
1978	179.9	170.0	9.9	5.5
1979	184.3	173.7	10.6	5.7
1980	187.7	170.9	16.8	8.9
1981	188.4	170.1	18.2	9.7
1982	192.5	165.1	27.4	14.3
1982				
December	191.0	159.0	32.0	16.8
1983				
January	187.4	153.9	33.5	17.9
February	186.5	154.0	32.5	17.4
March	189.0	157.9	31.1	16.5
April	191.6	161.7	29.9	15.6
May	194.6	164.2	30.3	15.6
June	196.7	167.9	28.8	14.6
July	198.0	173.7	24.3	12.3
August	196.2	172.1	24.1	12.3
September	192.0	167.6	24.4	12.7
October	194.4	169.7	24.7	12.7
November	194.8	169.6	25.2	12.9
December[p]	191.0	167.4	23.6	12.4
CINCINNATI[d]				
1972	561.0	529.0	32.0	5.7
1973	572.0	543.0	29.0	5.1
1974	595.3	569.8	25.5	4.3
1975	595.3	551.6	43.6	7.3
1976	604.8	566.6	38.2	6.3
1977	623.4	588.7	34.7	5.6
1978	648.3	615.8	32.5	5.0
1979	663.4	628.1	35.3	5.3
1980	676.2	628.6	47.5	7.0
1981	678.5	619.3	59.1	8.7
1982	682.0	610.4	71.6	10.5
1982				
December	673.3	598.8	74.5	11.1
1983				
January	661.5	580.1	81.3	12.3
February	655.9	577.2	78.7	12.0
March	667.8	590.2	77.6	11.6
April	674.9	604.1	70.8	10.5
May	683.3	609.9	73.4	10.7
June	694.4	620.1	74.3	10.7
July	697.9	632.7	65.2	9.3
August	693.0	629.8	63.2	9.1
September	683.3	616.6	66.7	9.8
October	689.6	627.2	62.4	9.0
November	693.6	628.0	65.6	9.5
December[p]	684.5	621.8	62.7	9.2
CLEVELAND[e]				
1972	873.2	825.2	48.0	5.5
1973	883.9	849.0	34.9	3.9
1974	899.1	861.4	37.7	4.2
1975	896.9	826.3	70.6	7.9
1976	897.7	834.4	63.3	7.0
1977	908.5	854.4	54.0	5.9
1978	921.7	878.5	43.2	4.7
1979	935.8	889.1	46.7	5.0
1980	937.1	869.1	68.0	7.3
1981	933.9	854.0	79.8	8.5
1982	933.7	833.8	100.0	10.7
1982				
December	921.5	807.1	114.3	12.4
1983				
January	895.2	776.5	118.7	13.3
February	893.4	776.7	116.7	13.1
March	913.3	797.9	115.5	12.6
April	923.2	813.0	110.2	11.9
May	935.7	821.5	114.1	12.2
June	961.0	843.8	117.3	12.2
July	968.7	869.0	99.7	10.3
August	959.1	860.8	98.3	10.3
September	931.8	832.1	99.8	10.7
October	941.3	844.4	97.0	10.3
November	940.3	841.3	99.0	10.5
December[p]	923.2	833.5	89.7	9.7

[a] Estimated in cooperation with U.S. Department of Labor. Data not seasonally adjusted. Subtotals may not add to totals due to rounding. Rates computed from unrounded figures. [b] Defined as Portage and Summit Counties. [c] Defined as Carroll and Stark Counties. [d] Defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana: and Boone, Campbell, and Kenton Counties, Kentucky. [e] Defined as Cuyahoga, Geauga, Lake, and Medina Counties. [p] Preliminary.

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CIVILIAN LABOR FORCE ESTIMATES FOR MAJOR METROPOLITAN AREAS[a]
(In thousands)

Year and Month	Civilian Labor Force	Total Employed	Unemployed		Year and Month	Civilian Labor Force	Total Employed	Unemployed	
			Total Unemployed	Unemployment Rate				Total Unemployed	Unemployment Rate
COLUMBUS[f]					DAYTON[g]				
1972	469.1	450.2	18.9	4.0	1972	353.5	336.2	17.3	4.9
1973	485.5	468.3	17.1	3.5	1973	358.0	343.5	14.5	4.1
1974	495.4	475.5	19.9	4.0	1974	359.5	342.5	17.0	4.7
1975	495.0	458.6	36.5	7.4	1975	357.6	327.7	29.9	8.4
1976	503.6	468.5	35.1	7.0	1976	360.5	336.3	24.2	6.7
1977	513.4	483.3	30.1	5.9	1977	368.6	348.3	20.3	5.5
1978	531.4	506.5	24.9	4.7	1978	381.1	363.7	17.3	4.6
1979	543.0	517.1	25.8	4.8	1979	392.2	367.9	24.2	6.2
1980	554.7	523.4	31.4	5.7	1980	390.2	361.0	29.2	7.5
1981	562.4	519.1	43.3	7.7	1981	390.8	357.9	32.8	8.4
1982	568.8	518.0	50.8	8.9	1982	391.1	347.0	44.2	11.3
1982					1982				
December ...	564.0	512.3	51.8	9.2	December .	385.3	338.5	46.8	12.1
1983					1983				
January	548.2	492.8	55.4	10.1	January ..	375.8	327.8	47.9	12.8
February ...	547.5	493.6	53.9	9.9	February .	374.6	328.3	46.3	12.4
March	561.1	507.3	53.8	9.6	March	381.7	337.5	44.2	11.6
April	570.5	517.7	52.8	9.3	April	386.2	343.8	42.3	11.0
May	577.9	524.0	53.9	9.3	May	388.9	347.4	41.5	10.7
June	592.9	535.7	57.2	9.7	June	398.8	354.5	44.3	11.1
July	600.6	549.7	50.9	8.5	July	399.1	361.6	37.6	9.4
August	593.7	546.3	47.4	8.0	August ...	396.3	359.1	37.2	9.4
September ..	581.0	531.8	49.2	8.5	September.	390.4	354.5	35.9	9.2
October	595.9	546.5	49.4	8.3	October ..	395.8	360.9	34.8	8.8
November ...	597.0	546.3	50.7	8.5	November .	397.2	360.6	36.6	9.2
December[p] ..	588.0	540.4	47.6	8.1	December[p].	389.3	356.7	32.6	8.4
TOLEDO[h]					YOUNGSTOWN-WARREN[i]				
1972	329.4	311.3	18.1	5.5	1972	226.9	212.1	14.8	6.5
1973	339.8	324.2	15.6	4.6	1973	232.5	221.8	10.8	4.6
1974	343.8	324.2	19.7	5.7	1974	236.7	223.7	13.0	5.5
1975	344.8	310.2	34.6	10.0	1975	236.7	209.8	26.9	11.4
1976	347.8	319.4	28.4	8.2	1976	234.2	210.5	23.7	10.1
1977	355.0	329.4	25.6	7.2	1977	234.0	215.0	19.0	8.1
1978	362.1	339.7	22.4	6.2	1978	235.2	217.5	17.7	7.5
1979	368.2	341.7	26.4	7.2	1979	237.1	219.9	17.1	7.2
1980	368.2	329.8	38.4	10.4	1980	238.9	210.5	28.4	11.9
1981	367.4	328.0	39.4	10.7	1981	234.0	205.7	28.2	12.1
1982	368.7	322.7	46.1	12.5	1982	237.7	191.5	46.2	19.4
1982					1982				
December ...	368.8	316.2	52.6	14.3	December .	234.2	183.1	51.1	21.8
1983					1983				
January	359.5	307.3	52.2	14.5	January ..	226.6	178.1	48.4	21.4
February ...	360.3	306.6	53.7	14.9	February .	223.8	178.7	45.1	20.1
March	366.0	311.0	55.0	15.0	March	227.9	186.2	41.7	18.3
April	368.7	320.7	47.9	13.0	April	229.9	190.3	39.5	17.2
May	379.0	328.3	50.7	13.4	May	234.3	193.8	40.5	17.3
June	381.1	332.5	48.6	12.8	June	237.1	196.8	40.4	17.0
July	383.8	339.3	44.5	11.6	July	237.7	203.6	34.1	14.3
August	381.5	337.3	44.2	11.6	August ...	237.4	200.9	36.5	15.4
September ..	377.7	334.7	43.0	11.4	September.	231.9	198.1	33.7	14.5
October	382.5	340.7	41.8	10.9	October ..	231.8	200.3	31.6	13.6
November ...	383.8	339.9	43.9	11.4	November .	232.8	199.9	32.8	14.1
December[p] ..	376.8	337.0	39.8	10.6	December[p].	227.3	197.0	30.2	13.3

[a] Estimated in cooperation with U.S. Department of Labor. Data not seasonally adjusted. Subtotals may not add to totals due to rounding. Rates computed from unrounded figures. [f] Defined as Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. [g] Defined as Greene, Miami, Montgomery, and Preble Counties. [h] Defined as Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. [i] Defined as Mahoning and Trumbull Counties. [p] Preliminary.

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CIVILIAN LABOR FORCE ESTIMATES[a]

(not seasonally adjusted)

Year and Month	OHIO (in thousands)			Unemployment Rate	
	Civilian Labor Force	Total Employed	Total Unemployed	OHIO	U.S.
1973	4,621	4,423	198	4.3	4.9
1974	4,708	4,483	225	4.8	5.6
1975	4,721	4,292	429	9.1	8.5
1976	4,749	4,378	370	7.8	7.7
1977	4,830	4,518	312	6.5	7.1
1978	4,956	4,688	268	5.4	6.1
1979	5,056	4,758	298	5.9	5.8
1980	5,088	4,661	427	8.4	7.1
1981	5,098	4,606	492	9.6	7.6
1982	5,114	4,474	640	12.5	9.7
1983	5,110	4,488	622	12.2	9.6
1983					
January .	4,931	4,194	737	14.9	11.4
February.	4,913	4,202	711	14.5	11.3
March ...	5,015	4,329	686	13.7	10.8
April ...	5,076	4,425	651	12.8	10.0
May	5,153	4,491	663	12.9	9.8
June	5,253	4,583	670	12.8	10.2
July	5,287	4,710	577	10.9	9.4
August ..	5,229	4,666	563	10.8	9.2
September	5,108	4,541	567	11.1	8.8
October .	5,159	4,611	548	10.6	8.4
November.	5,146	4,582	564	11.0	8.1
December.	5,040	4,513	528	10.5	8.0
1984					
January .	4,964	4,452	512	10.3	8.8

OHIO NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT[a]

(in thousands)

Year and Month	Total Nonagricultural	Manufacturing	Nonmanufacturing
1973	4,112.9	1,426.3	2,686.5
1974	4,169.4	1,416.6	2,752.8
1975	4,016.2	1,267.5	2,748.7
1976	4,094.5	1,295.3	2,799.3
1977	4,230.1	1,344.1	2,885.9
1978	4,394.8	1,377.2	3,017.6
1979	4,484.7	1,382.3	3,102.5
1980	4,367.4	1,264.3	3,103.0
1981	4,317.6	1,232.6	3,085.1
1982	4,124.2	1,099.9	3,024.4
1983	4,083.8	1,066.9	3,017.0
1983			
January .	3,964.2	1,029.2	2,935.0
February.	3,962.7	1,030.8	2,931.9
March ...	3,995.3	1,039.3	2,956.0
April ...	4,041.8	1,047.6	2,994.2
May	4,088.7	1,054.8	3,033.9
June	4,116.8	1,064.1	3,052.7
July	4,082.0	1,062.2	3,019.8
August ..	4,074.0	1,074.7	2,999.3
September	4,157.0	1,094.3	3,062.7
October .	4,170.0	1,099.1	3,070.9
November.	4,177.5	1,104.4	3,073.1
December.	4,176.1	1,101.9	3,074.2
1984			
January .	4,082.8	1,101.0	2,981.8

OHIO NONMANUFACTURING WAGE AND SALARY EMPLOYMENT[a] (in thousands)

Year and Month	Mining	Construction	Transportation and Utilities	Wholesale Trade	Retail Trade	Finance, Insurance, Real Estate	Services	Government
1973	22.9	175.5	224.9	197.7	654.9	169.0	643.9	597.8
1974	24.2	172.3	227.8	205.7	668.1	171.9	669.7	613.1
1975	26.8	154.9	213.2	203.5	664.5	173.1	686.3	626.4
1976	28.2	154.2	213.7	208.4	682.4	177.0	703.2	632.2
1977	29.1	162.8	219.1	214.6	703.1	183.4	731.4	642.3
1978	29.0	176.6	225.0	226.0	730.4	191.1	772.1	667.5
1979	31.6	182.9	232.1	232.8	742.4	200.6	806.2	674.0
1980	30.7	167.4	223.1	230.6	726.6	203.8	830.9	689.9
1981	30.7	153.7	217.2	232.5	717.7	205.8	851.5	676.0
1982	30.3	134.6	206.8	226.0	703.4	206.4	857.3	659.6
1983	26.6	128.6	197.3	219.6	703.3	209.6	874.6	657.5
1983								
January .	26.7	107.4	194.1	216.5	682.9	205.4	843.8	658.2
February.	25.6	103.6	193.5	215.5	670.5	205.2	849.5	668.5
March ...	25.2	109.3	194.6	216.6	677.4	205.9	856.1	671.0
April ...	25.2	116.1	196.9	218.2	694.4	207.2	868.7	667.7
May	25.6	126.4	199.1	219.5	705.9	208.7	877.5	671.3
June	27.0	135.7	201.4	221.6	713.1	211.3	888.2	654.5
July	27.4	140.8	201.5	221.4	709.8	212.2	883.2	623.4
August ..	27.4	142.2	184.6	221.3	712.4	212.3	883.0	616.2
September	27.5	144.6	201.0	221.2	714.8	211.8	891.3	650.4
October .	27.5	145.0	200.7	221.5	709.6	211.5	888.8	666.3
November.	27.4	140.9	199.6	221.1	717.8	211.5	884.2	670.6
December.	27.1	130.9	200.2	221.3	730.4	212.1	880.7	671.5
1984								
January .	26.8	113.7	194.1	218.2	690.8	210.8	866.8	660.7

[a] Estimated in cooperation with U.S. Department of Labor. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates and averages computed from unrounded figures. All data exclude military personnel.

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EMPLOYMENT, HOURS, AND EARNINGS IN MANUFACTURING IN OHIO[a]

Year and Month	Manufacturing Employment (in thousands)			Production Workers in Manufacturing		
	All Manufacturing	Durable Goods	Nondurable Goods	Production Workers (in thousands)	Aggregate Weekly Payroll (in millions)	Aggregate Weekly Hours (in millions)
1973	1,426.3	1,018.2	408.1	1,046.7	$210.8	44.3
1974	1,416.6	1,013.1	403.5	1,028.7	217.4	42.4
1975	1,267.5	892.4	375.1	897.8	201.5	36.2
1976	1,295.3	910.6	384.6	926.1	233.9	38.2
1977	1,344.1	945.2	398.9	958.0	271.2	40.2
1978	1,377.2	974.5	402.7	985.5	302.5	41.5
1979	1,382.3	980.5	401.8	979.0	318.5	40.6
1980	1,264.3	882.6	381.8	867.8	301.9	35.2
1981	1,232.6	860.4	372.2	847.7	330.4	34.7
1982	1,099.9	752.4	347.5	735.7	297.1	29.5
1983	1,066.9	723.6	343.3	721.7	315.7	29.9
1983						
January .	1,029.2	695.2	334.0	680.8	282.6	27.4
February.	1,030.8	695.8	334.9	684.9	287.2	27.7
March ...	1,039.3	703.2	336.1	692.5	293.8	28.3
April ...	1,047.6	710.1	337.4	702.1	301.8	28.9
May	1,054.8	716.2	338.6	709.8	306.6	29.2
June	1,064.1	721.8	342.3	718.2	314.4	29.8
July	1,062.2	720.2	341.9	715.9	309.7	29.4
August ..	1,074.7	728.4	346.3	729.3	316.1	30.0
September	1,094.3	740.8	353.5	749.0	335.5	31.5
October .	1,099.1	748.1	351.0	755.4	340.1	31.7
November.	1,104.4	752.9	351.4	761.9	348.7	32.4
December.	1,101.9	749.8	352.0	760.2	352.4	32.5
1984						
January .	1,101.0	750.1	350.9	758.9	350.4	32.3

Year and Month	Production Workers Average Weekly Earnings			Production Workers Average Weekly Hours			Production Workers Average Hourly Earnings		
	Manufacturing	Durable Goods	Nondurable Goods	Manufacturing	Durable Goods	Nondurable Goods	Manufacturing	Durable Goods	Nondurable Goods
1973	$201.35	$207.95	$185.89	42.3	42.7	41.4	$4.76	$4.87	$4.49
1974	211.36	216.94	196.17	41.2	41.4	40.7	5.13	5.24	4.82
1975	224.47	228.90	211.85	40.3	40.3	40.2	5.57	5.68	5.27
1976	252.54	258.75	235.00	41.2	41.4	41.3	6.10	6.25	5.69
1977	283.08	292.02	258.34	42.0	42.2	41.4	6.74	6.92	6.24
1978	306.91	316.83	279.30	42.1	42.3	41.5	7.29	7.49	6.73
1979	325.36	335.30	297.98	41.5	41.6	41.1	7.84	8.06	7.25
1980	347.94	358.57	319.99	40.6	40.7	40.2	8.57	8.81	7.96
1981	389.78	401.64	358.16	40.9	40.9	40.7	9.53	9.82	8.80
1982	403.81	414.80	378.95	40.1	40.0	40.4	10.07	10.37	9.38
1983	437.18	452.35	402.52	41.4	41.5	41.2	10.56	10.90	9.77
1983									
January .	415.09	427.99	387.03	40.3	40.3	40.4	10.30	10.62	9.58
February.	419.35	433.76	386.72	40.4	40.5	40.2	10.38	10.71	9.62
March ...	424.32	437.38	393.01	40.8	40.8	40.6	10.40	10.72	9.68
April ...	429.91	444.14	397.96	41.1	41.2	40.9	10.46	10.78	9.73
May	431.96	447.69	397.80	41.1	41.3	40.8	10.51	10.84	9.75
June	437.83	452.61	402.11	41.5	41.6	41.2	10.55	10.88	9.76
July	432.55	445.67	403.60	41.0	41.0	41.1	10.55	10.87	9.82
August ..	433.42	445.52	403.50	41.2	41.1	41.3	10.52	10.84	9.77
September	447.94	463.52	410.62	42.1	42.1	41.9	10.64	11.01	9.80
October .	450.24	468.68	408.78	42.0	42.3	41.5	10.72	11.08	9.85
November.	457.73	475.68	413.97	42.5	42.7	41.9	10.77	11.14	9.88
December.	463.52	483.15	419.05	42.8	43.1	42.2	10.83	11.21	9.93
1984									
January .	461.78	480.64	418.05	42.6	42.8	42.1	10.84	11.23	9.93

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding.

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EMPLOYMENT AND AVERAGE WEEKLY EARNINGS IN SELECTED MAJOR MANUFACTURING INDUSTRIES IN OHIO[a]

Year and Month	Stone, Clay and Glass Products	Primary Metal Industries	Fabricated Metal Products	Machinery, Except Electrical	Electric & Electronic Equipment	Transportation Equipment	Food and Kindred Products	Printing and Publishing	Rubber and Plastics Products
	EMPLOYMENT (in thousands)								
1973	73.3	173.3	175.2	219.3	134.1	167.2	76.4	67.7	109.8
1974	72.2	172.4	172.7	227.7	131.4	162.5	76.0	67.9	107.2
1975	65.0	151.5	150.3	207.7	112.3	140.8	73.5	64.8	94.8
1976	66.3	154.6	157.9	205.3	115.5	143.0	73.8	64.5	98.2
1977	67.1	157.7	166.5	210.7	120.9	151.8	74.4	65.4	107.4
1978	69.3	157.5	173.3	216.7	122.2	164.1	74.6	66.6	107.4
1979	69.7	158.9	175.5	223.6	117.6	165.8	74.4	67.6	106.7
1980	64.5	139.8	157.6	211.4	106.4	139.1	72.7	67.4	92.7
1981	61.0	138.3	154.9	204.2	101.9	136.9	69.2	66.1	89.0
1982	54.2	112.7	134.9	176.7	93.4	121.7	66.9	63.2	80.4
1983	52.7	104.5	130.9	153.1	90.2	131.6	64.5	62.3	82.4
1983									
January .	50.1	98.2	124.7	154.2	89.0	122.6	62.7	61.6	77.1
February.	49.7	99.5	126.3	151.6	88.3	123.6	62.4	62.0	78.2
March ...	50.2	102.8	126.6	151.3	88.0	126.3	62.7	62.4	78.7
April ...	51.7	103.1	127.6	151.5	89.5	127.7	62.6	62.2	79.8
May	52.1	103.4	128.5	152.4	89.6	130.2	62.6	62.3	80.6
June	53.1	103.5	129.8	152.0	90.0	132.1	64.2	62.4	81.5
July	53.3	103.0	129.4	152.1	89.7	131.6	64.0	61.9	82.1
August ..	54.0	105.1	132.2	152.6	89.6	132.8	66.4	61.9	83.5
September	54.8	107.4	134.6	154.8	91.5	134.8	69.5	62.6	85.6
October .	54.9	108.0	136.5	154.5	92.4	138.8	66.4	62.6	86.4
November.	55.0	109.8	137.8	155.3	92.4	139.9	65.2	62.8	87.4
December.	53.7	110.3	137.3	155.5	91.9	138.5	65.2	63.0	87.5
1984									
January .	52.7	110.6	137.5	156.5	92.3	138.0	64.6	62.7	87.8
	AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS								
1973	$189.03	$228.72	$204.67	$208.80	$176.23	$241.01	$188.94	$203.06	$193.12
1974	194.21	246.03	213.62	219.05	184.61	244.91	204.89	211.14	199.92
1975	207.55	256.46	224.40	228.25	201.30	263.22	222.68	226.95	213.31
1976	232.40	294.50	256.68	253.31	221.54	302.87	242.92	252.20	237.30
1977	253.95	320.54	280.44	279.18	248.44	359.20	258.54	271.96	263.97
1978	274.81	366.24	307.23	306.16	268.45	389.66	281.15	285.18	282.73
1979	293.34	395.43	323.38	329.09	289.27	391.56	304.50	302.62	300.66
1980	315.43	422.01	349.34	352.77	316.31	414.33	329.85	320.92	323.61
1981	348.02	484.04	369.61	389.16	350.27	471.50	362.75	347.70	358.67
1982	376.88	480.54	398.77	392.63	366.56	506.99	386.04	358.45	381.11
1983	400.57	503.85	460.65	424.09	394.63	557.92	403.79	375.62	412.25
1983									
January .	385.01	486.16	427.00	401.37	380.09	517.33	391.68	370.02	392.22
February.	381.35	500.47	433.78	405.38	379.20	529.44	384.87	362.36	397.57
March ...	387.32	487.71	441.56	407.82	380.25	543.26	389.50	371.14	406.27
April ...	386.95	497.68	451.26	411.25	384.40	549.25	396.47	369.64	411.83
May	397.85	493.96	452.28	417.91	384.96	560.33	401.58	367.52	413.10
June	400.20	496.11	463.86	424.91	392.85	563.22	408.53	371.51	414.62
July	403.44	496.50	447.79	420.09	390.34	543.97	412.29	369.27	409.36
August ..	401.64	492.83	449.35	421.14	395.60	541.80	409.04	371.35	407.11
September	409.18	522.49	471.28	431.09	406.39	570.49	415.86	378.00	422.18
October .	412.17	514.18	479.45	436.31	408.04	581.79	396.89	384.94	425.87
November.	415.33	520.38	490.31	450.24	411.27	586.64	410.38	392.18	421.20
December.	421.16	525.79	505.52	463.54	415.17	588.60	420.30	393.97	422.61
1984									
January .	422.77	524.15	491.37	469.36	410.41	587.29	410.20	392.18	427.33

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN OHIO[a]
JANUARY 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	January 1984[b]	December 1983[c]	January 1983[c]	December 1983	January 1983
TOTAL	4082.8	4176.1	3964.2	- 2.2	3.0
MANUFACTURING	1101.0	1101.9	1029.2	- .1	7.0
Durable Goods[e]	750.1	749.8	695.2	.0	7.9
Lumber and wood products	14.9	14.9	12.1	.0	23.6
Furniture and fixtures	13.9	13.8	12.5	.8	11.9
Household furniture	6.3	6.3	5.5	1.2	15.4
Stone, clay, and glass products	52.7	53.7	50.1	- 1.9	5.2
Glass and glassware, pressed or blown.	13.7	13.6	13.7	1.0	.5
Structural clay products	4.2	4.7	4.1	- 11.0	2.4
Pottery and related products	5.3	5.5	5.6	- 3.3	- 5.6
Primary metal industries	110.6	110.3	98.2	.3	12.6
Blast furnace and basic steel products	54.7	54.8	48.1	- .1	13.9
Iron and steel foundries	21.9	21.8	20.0	.7	9.4
Nonferrous rolling and drawing	18.9	19.0	17.0	- .1	11.4
Nonferrous foundries	9.1	8.9	7.7	2.3	19.3
Fabricated metal products	137.5	137.3	124.7	.1	10.2
Cutlery, hand tools, and hardware	11.2	11.2	10.3	.1	8.2
Plumbing and heating, except electric.	4.7	4.7	4.5	.6	5.7
Fabricated structural metal products	29.0	29.2	28.3	- .8	2.2
Screw machine products, bolts, etc.	8.8	8.8	8.1	.0	9.2
Metal forgings and stampings	42.9	42.8	35.5	.2	21.1
Machinery, except electrical	156.5	155.5	154.2	.6	1.5
Construction and related machinery	15.7	15.7	17.0	.0	- 8.1
Metalworking machinery	38.4	38.3	40.2	.3	- 4.4
Special industry machinery	16.2	16.2	16.3	- .2	- 1.1
General industrial machinery	30.7	30.5	29.1	.5	5.4
Electric and electronic equipment	92.3	91.9	89.0	.4	3.7
Electrical industrial apparatus	18.9	18.8	18.8	.5	.3
Household appliances	16.0	16.1	15.0	- .3	6.6
Electric lighting and wiring equipment	18.6	18.6	17.8	- .2	4.5
Communication equipment	9.9	10.0	10.2	- .2	- 2.3
Transportation equipment	138.0	138.5	122.6	- .3	12.5
Motor vehicles and equipment	92.1	92.7	79.2	- .7	16.3
Aircraft and parts	37.7	37.7	35.7	.1	5.7
Instruments and related products	21.4	21.2	19.8	1.0	8.1
Measuring and controlling devices	12.6	12.5	11.7	1.2	8.1
Nondurable Goods[f]	350.9	352.0	334.0	- .3	5.0
Food and kindred products	64.6	65.2	62.7	- 1.0	3.1
Meat products	10.3	10.7	9.4	- 3.2	9.8
Dairy products	10.2	10.2	10.3	- .3	- 1.0
Bakery products	9.8	9.9	9.6	- 1.7	1.5
Beverages	10.5	10.5	10.4	- .3	1.2
Textile mill products	4.7	4.7	4.2	1.0	11.7
Apparel and other textile products	17.2	17.3	15.6	- .5	9.8
Paper and allied products	35.1	35.5	34.6	- 1.2	1.4
Paper mills, except building paper	9.4	9.5	9.1	- .9	3.9
Misc. converted paper products	11.4	11.5	11.1	- .9	2.5
Paperboard containers and boxes	11.3	11.6	11.3	- 1.9	.5
Printing and publishing	62.7	63.0	61.6	- .4	1.8
Newspapers	18.1	18.2	17.9	- .5	1.2
Commercial printing	23.0	23.1	22.5	- .7	2.1
Chemicals and allied products	64.2	64.2	64.0	.0	.3
Industrial inorganic chemicals	11.3	11.3	12.0	.4	- 5.6
Plastics materials and synthetics	8.9	8.9	8.8	.1	.5
Petroleum and coal products	9.4	9.5	8.7	- 1.5	7.6
Rubber and misc. plastics products	87.8	87.5	77.1	.4	13.9
Tires and inner tubes	20.3	20.3	20.3	.0	.2
Miscellaneous plastics products	46.7	46.5	38.8	.3	20.3
Leather and leather products	5.0	5.0	5.3	.2	- 5.8

See footnotes at end of table.

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN OHIO[a]

JANUARY 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	January 1984[b]	December 1983[c]	January 1983[c]	Jan. 1984[b]	Dec. 1983[c]	Jan. 1983[c]	Jan. 1984[b]	Dec. 1983[c]	Jan. 1983[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$461.78	$463.52	$415.09	42.6	42.8	40.3	$10.84	$10.83	$10.30
Durable Goods[d]	480.64	483.15	427.99	42.8	43.1	40.3	11.23	11.21	10.62
Lumber and wood products	290.94	287.62	296.25	39.8	39.4	39.5	7.31	7.30	7.50
Furniture and fixtures	324.24	326.56	304.57	41.2	41.6	38.7	7.87	7.85	7.87
Household furniture	277.14	290.39	269.37	39.2	40.5	38.1	7.07	7.17	7.07
Stone, clay, and glass products	422.77	421.16	385.01	41.9	42.2	40.4	10.09	9.98	9.53
Glass and glassware, pressed or blown.	431.07	435.01	398.97	40.4	41.0	39.0	10.67	10.61	10.23
Structural clay products	289.28	299.80	279.58	39.9	40.9	39.6	7.25	7.33	7.06
Pottery and related products	333.64	325.84	317.25	38.0	37.8	37.5	8.78	8.62	8.46
Primary metal industries	524.15	525.79	486.16	42.1	42.3	38.8	12.45	12.43	12.53
Blast furnace and basic steel products	523.93	522.70	503.89	40.9	40.9	36.7	12.81	12.78	13.73
Iron and steel foundries	531.48	529.33	475.47	43.0	43.0	40.5	12.36	12.31	11.74
Nonferrous rolling and drawing	579.42	578.92	498.98	43.5	43.3	40.7	13.32	13.37	12.26
Nonferrous foundries	428.09	445.47	382.22	44.5	46.5	41.5	9.62	9.58	9.21
Fabricated metal products	491.37	505.52	427.00	43.6	44.5	40.9	11.27	11.36	10.44
Cutlery, hand tools, and hardware	518.66	503.37	400.81	42.9	42.3	38.1	12.09	11.90	10.52
Plumbing and heating, except electric.	386.06	389.42	343.54	42.1	42.7	38.6	9.17	9.12	8.90
Fabricated structural metal products .	427.00	444.28	406.13	42.7	43.6	41.4	10.00	10.19	9.81
Screw machine products, bolts, etc. ..	415.68	406.93	369.47	43.3	42.7	39.6	9.60	9.53	9.33
Metal forgings and stampings	604.66	632.48	502.90	45.6	47.2	41.7	13.26	13.40	12.06
Machinery, except electrical	469.36	463.54	401.37	43.1	43.0	39.7	10.89	10.78	10.11
Construction and related machinery ...	420.00	430.14	379.71	39.4	40.2	37.3	10.66	10.70	10.18
Metalworking machinery	437.38	431.60	393.90	42.3	41.7	39.0	10.34	10.35	10.10
Special industry machinery	444.53	456.26	394.28	43.2	44.6	40.9	10.29	10.23	9.64
General industrial machinery	462.51	463.49	397.55	42.2	42.6	39.4	10.96	10.88	10.09
Electric and electronic equipment	410.41	415.17	380.09	41.0	41.6	39.8	10.01	9.98	9.55
Electrical industrial apparatus	378.97	387.73	348.67	39.6	40.6	38.4	9.57	9.55	9.08
Household appliances	424.95	424.13	400.58	40.9	41.5	40.3	10.39	10.22	9.94
Electric lighting and wiring equipment	404.17	409.64	375.97	41.2	41.8	41.0	9.81	9.80	9.17
Communication equipment	428.57	464.59	411.03	40.7	42.5	40.1	10.53	10.93	10.25
Transportation equipment	587.29	588.60	517.33	44.9	45.0	42.3	13.08	13.08	12.23
Motor vehicles and equipment	610.16	607.45	537.17	45.5	45.4	42.7	13.41	13.38	12.58
Aircraft and parts	532.59	547.28	472.99	43.3	44.1	41.6	12.30	12.41	11.37
Instruments and related products	324.39	327.59	292.08	40.6	41.0	39.1	7.99	7.99	7.47
Measuring and controlling devices	323.16	325.19	289.38	40.7	40.7	39.0	7.94	7.99	7.42
Nondurable Goods[e]	418.05	419.05	387.03	42.1	42.2	40.4	9.93	9.93	9.58
Food and kindred products	410.20	420.30	391.68	41.9	42.8	41.1	9.79	9.82	9.53
Meat products	393.71	402.14	402.12	41.4	42.6	40.7	9.51	9.44	9.88
Dairy products	423.36	427.49	384.68	43.6	43.8	42.6	9.71	9.76	9.03
Bakery products	442.88	427.84	394.02	41.9	40.4	39.6	10.57	10.59	9.95
Beverages	367.06	373.46	338.45	39.3	40.2	38.2	9.34	9.29	8.86
Textile mill products	321.72	322.41	274.31	42.0	42.2	39.3	7.66	7.64	6.98
Apparel and other textile products	248.58	253.13	219.56	38.6	39.8	35.7	6.44	6.36	6.15
Paper and allied products	449.45	448.23	404.78	44.9	44.6	43.2	10.01	10.05	9.37
Paper mills, except building paper ...	558.99	561.68	503.15	47.9	47.6	47.2	11.67	11.80	10.66
Misc. converted paper products	394.90	396.68	364.17	43.3	43.4	42.1	9.12	9.14	8.65
Paperboard containers and boxes	404.76	392.05	360.04	43.9	42.8	41.1	9.22	9.16	8.76
Printing and publishing	392.18	393.97	370.02	38.6	38.7	37.3	10.16	10.18	9.92
Newspapers	323.70	325.92	308.84	33.2	33.6	30.7	9.75	9.70	10.06
Commercial printing	418.37	416.34	380.09	40.5	40.5	38.2	10.33	10.28	9.95
Chemicals and allied products	472.08	476.15	435.42	42.0	42.4	41.0	11.24	11.23	10.62
Industrial inorganic chemicals	521.33	514.03	461.55	43.3	42.8	41.1	12.04	12.01	11.23
Plastics materials and synthetics	534.45	538.35	473.67	44.5	44.9	43.1	12.01	11.99	10.99
Petroleum and coal products	631.95	615.17	565.40	44.1	43.2	41.3	14.33	14.24	13.69
Rubber and misc. plastics products	427.93	422.61	392.22	43.8	43.3	41.2	9.77	9.76	9.52
Tires and inner tubes	568.88	567.09	533.20	44.9	44.9	43.0	12.67	12.63	12.40
Miscellaneous plastics products	420.12	414.72	372.71	43.9	43.2	40.6	9.57	9.60	9.19
Leather and leather products	215.21	213.88	218.83	39.2	39.1	39.5	5.49	5.47	5.54

See footnotes at end of table.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN OHIO[a]
January 1984 (Continued)

Industry	Employment (in thousands)			Percent Change From[d]	
	January 1984[b]	December 1983[c]	January 1983[c]	December 1983	January 1983
NONMANUFACTURING	2981.8	3074.2	2935.0	- 3.0	1.6
MINING	26.8	27.1	26.7	- 1.1	.1
Bituminous coal and lignite mining	11.7	11.7	11.1	.0	5.6
CONSTRUCTION	113.7	130.9	107.4	- 13.1	5.9
General building contractors	28.6	32.9	26.5	- 12.9	8.1
Heavy construction contractors	14.4	18.3	14.0	- 21.7	2.5
TRANSPORTATION AND PUBLIC UTILITIES	194.1	200.2	194.1	- 3.1	.0
Railroad transportation	18.0	18.6	18.6	- 3.2	- 3.1
Transportation, except railroads	83.5	88.6	80.8	- 5.8	3.4
Trucking and warehousing	59.7	64.1	58.6	- 6.8	2.0
Communication, electric, gas services	92.6	93.0	94.8	- .4	- 2.3
Communication	52.5	53.0	54.1	- .8	- 2.9
Electric, gas, and sanitary services	40.1	40.0	40.7	.1	- 1.5
WHOLESALE TRADE	218.2	221.3	216.5	- 1.4	.8
Wholesale trade—durable goods	136.7	138.6	135.7	- 1.4	.7
Motor vehicles & automotive equipment	20.0	20.3	20.0	- 1.5	.0
Electrical goods	18.4	18.7	18.4	- 1.6	- .2
Machinery, equipment, and supplies	57.6	57.9	57.2	- .5	.7
Wholesale trade—nondurable goods	81.6	82.7	80.8	- 1.3	.9
Groceries and related products	25.7	25.8	25.2	- .6	1.7
RETAIL TRADE	690.8	730.4	682.9	- 5.4	1.1
General merchandise stores	111.0	125.6	113.5	- 11.6	- 2.1
Department stores	102.4	115.9	104.6	- 11.7	- 2.1
Food stores	117.6	120.9	114.6	- 2.7	2.6
Automotive dealers & service stations	73.1	74.3	73.4	- 1.6	- .5
Apparel and accessory stores	33.2	36.8	33.6	- 10.0	- 1.4
FINANCE, INSURANCE, AND REAL ESTATE	210.8	212.1	205.4	- .6	2.6
Banking	58.1	58.4	58.8	- .6	- 1.2
Credit agencies other than banks	31.9	31.8	30.1	.1	5.7
Insurance carriers	59.3	59.2	59.1	.1	.4
SERVICES	866.8	880.7	843.8	- 1.6	2.7
Hotels and other lodging places	27.2	28.5	27.0	- 4.8	.6
Laundry, cleaning, & garment services	16.2	16.5	16.0	- 2.3	.8
Business services	127.8	131.3	120.8	- 2.7	5.8
Health services	324.9	324.0	315.4	.3	3.0
Hospitals	177.7	177.0	174.3	.4	2.0
GOVERNMENT	660.7	671.5	658.2	- 1.6	.4
Federal government	89.0	88.9	88.1	.0	1.0
State government	140.7	147.0	141.0	- 4.3	- .2
State government, except education	69.2	69.3	70.9	- .1	- 2.3
State government education[i]	71.5	77.8	70.1	- 8.0	2.1
Local government	431.0	435.5	429.1	- 1.0	.4
Local government, except education	178.6	179.6	179.3	- .6	- .4
Local government education	252.3	255.9	249.8	- 1.4	1.0

[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes miscellaneous manufacturing. [f] Includes tobacco manufactures. [h] Depressed due to labor—management disputes. [i] Includes State Universities, State Schools for Deaf and Blind, and the State Library. Excludes hospitals, the agricultural extension service, agricultural research centers, and departments coordinating and administering educational programs (notably, the Ohio Department of Education).

Labor Market Information Division
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Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN OHIO[a]
JANUARY 1984 (Continued)

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	January 1984[b]	December 1983[c]	January 1983[c]	Jan. 1984[b]	Dec. 1983[c]	Jan. 1983[c]	Jan. 1984[b]	Dec. 1983[c]	Jan. 1983[c]
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
MINING	$489.88	$482.24	$463.32	43.7	43.8	44.0	$11.21	$11.01	$10.53
Bituminous coal and lignite mining	592.88	575.98	562.89	42.5	41.2	43.1	13.95	13.98	13.06
CONSTRUCTION	585.23	580.99	553.89	36.9	37.1	37.0	15.86	15.66	14.97
General building contractors	498.78	515.13	495.22	35.2	36.2	36.2	14.17	14.23	13.68
Heavy construction contractors	555.71	557.08	552.83	36.9	38.0	38.1	15.06	14.66	14.51
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Railroad transportation	......	......	......	....	....	....	....	....	....
Transportation, except railroads	......	......	......	....	....	....	....	....	....
Trucking and warehousing	467.50	473.77	451.05	37.4	38.3	36.2	12.50	12.37	12.46
Communication, electric, gas services	486.39	488.38	444.89	40.6	40.8	39.9	11.98	11.97	11.15
~~Communication~~	492.07	493.27	443.98	40.6	40.8	39.5	12.12	12.09	11.24
Electric, gas, and sanitary services	479.85	481.44	446.02	40.7	40.8	40.4	11.79	11.80	11.04
WHOLESALE TRADE	339.49	336.31	319.61	39.8	39.8	38.6	8.53	8.45	8.28
Wholesale trade–durable goods	~~333.68~~	~~330.06~~	314.34	40.3	40.3	39.0	8.28	8.19	8.06
Motor vehicles & automotive equipment	270.59	270.27	273.35	38.6	38.5	37.6	7.01	7.02	7.27
Electrical goods	277.02	281.05	255.72	38.0	38.5	36.9	7.29	7.30	6.93
Machinery, equipment, and supplies	376.16	373.60	346.81	41.2	41.1	39.5	9.13	9.09	8.78
Wholesale trade–nondurable goods	348.04	345.43	329.46	38.8	38.9	38.0	8.97	8.88	8.67
Groceries and related products	377.31	378.84	351.83	41.6	42.0	39.8	9.07	9.02	8.84
RETAIL TRADE[f]	159.50	163.14	154.41	29.0	30.1	28.7	5.50	5.42	5.38
General merchandise stores	165.85	175.16	155.76	30.6	33.3	29.5	5.42	5.26	5.28
Department stores	168.54	178.02	158.95	30.7	33.4	29.6	5.49	5.33	5.37
Food stores	217.23	214.76	221.96	30.9	30.9	30.7	7.03	6.95	7.23
Automotive dealers & service stations	213.44	212.36	198.55	36.3	36.3	36.1	5.88	5.85	5.50
Apparel and accessory stores	111.05	127.46	113.45	24.3	28.2	26.2	4.57	4.52	4.33
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
Banking	221.69	218.44	212.43	....	....	....	....	....	....
Credit agencies other than banks	215.04	212.02	211.08	....	....	....	....	....	....
Insurance carriers	243.10	242.26	243.11	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
Hotels and other lodging places	......	......	......	....	....	....	....	....	....
Laundry, cleaning, & garment services	......	......	......	....	....	....	....	....	....
Business services	......	......	......	....	....	....	....	....	....
Health services	......	......	......	....	....	....	....	....	....
Hospitals	285.94	282.74	273.71	33.6	33.5	34.3	8.51	8.44	7.98
GOVERNMENT	......	......	......	....	....	....	....	....	....
Federal government	......	......	......	....	....	....	....	....	....
State government	......	......	......	....	....	....	....	....	....
State government, except education	......	......	......	....	....	....	....	....	....
State government education	......	......	......	....	....	....	....	....	....
Local government	......	......	......	....	....	....	....	....	....
Local government, except education	......	......	......	....	....	....	....	....	....
Local government education	......	......	......	....	....	....	....	....	....

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes miscellaneous manufacturing. [e] Includes tobacco manufactures. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

Labor Market Information Division
Ohio Bureau of Employment Services
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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN AKRON METROPOLITAN AREA[a]

JANUARY 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	January 1984[b]	December 1983[c]	January 1983[c]	December 1983	January 1983
TOTAL	243.4	250.9	236.8	- 3.0	2.8
MANUFACTURING	66.2	66.2	63.5	.1	4.3
Durable Goods[e]	33.6	33.6	31.3	.2	7.6
Stone, clay, and glass products	1.4	1.4	1.3	.6	4.1
Fabricated metal products	12.6	12.7	11.9	- .7	6.5
Machinery, except electrical	8.6	8.6	8.1	.3	6.1
Special industry machinery	1.4	1.4	1.4	- .9	- 2.3
Nondurable Goods[f]	32.6	32.6	32.2	- .1	1.0
Food and kindred products	2.7	2.7	2.7	.8	1.4
Chemicals and allied products	3.0	2.9	3.2	.9	- 8.3
Rubber and misc. plastics products	21.7	21.7	21.4	.1	1.4
Tires and inner tubes	15.4	15.4	15.7	.0	- 2.1
NONMANUFACTURING[g]	177.2	184.7	173.3	- 4.1	2.3
CONSTRUCTION	5.6	6.8	5.2	- 17.6	7.4
TRANSPORTATION AND PUBLIC UTILITIES	12.1	12.5	12.3	- 3.2	- 1.8
Communication, electric, gas services	5.3	5.3	5.5	.2	- 3.5
WHOLESALE TRADE	11.6	11.8	11.5	- 1.5	.7
RETAIL TRADE	44.3	47.0	43.4	- 5.7	2.1
FINANCE, INSURANCE, AND REAL ESTATE	9.5	9.5	9.2	- .5	3.3
SERVICES	52.6	53.4	50.6	- 1.5	3.9
GOVERNMENT	40.9	43.0	40.4	- 5.0	1.2
State government (includes education)	12.7	14.9	12.5	- 15.1	1.7
Local government (includes education)	26.1	26.0	25.9	.7	1.0

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Akron area is defined as Portage and Summit Counties. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; primary metal industries; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN AKRON METROPOLITAN AREA[a]
JANUARY 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	January 1984[b]	December 1983[c]	January 1983[c]	Jan. 1984[b]	Dec. 1983[c]	Jan. 1983[c]	Jan. 1984[b]	Dec. 1983[c]	Jan. 1983[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$479.33	$500.96	$433.93	44.3	45.5	42.5	$10.82	$11.01	$10.21
Durable Goods[d]	507.15	545.37	434.69	45.0	47.3	42.7	11.27	11.53	10.18
Stone, clay, and glass products	382.00	385.52	373.77	40.0	40.2	41.3	9.55	9.59	9.05
Fabricated metal products	645.77	724.17	464.38	48.3	52.4	42.8	13.37	13.82	10.85
Machinery, except electrical	401.45	420.38	424.95	43.4	45.3	43.9	9.25	9.28	9.68
Special industry machinery	436.63	468.00	373.97	44.6	46.8	39.7	9.79	10.00	9.42
Nondurable Goods[e]	440.51	438.60	433.15	43.4	43.0	42.3	10.15	10.20	10.24
Food and kindred products	458.88	473.80	424.34	44.9	46.0	43.3	10.22	10.30	9.80
Chemicals and allied products	453.90	466.99	447.12	42.7	43.2	41.4	10.63	10.81	10.80
Rubber and misc. plastics products	461.61	455.52	440.58	44.3	43.8	42.9	10.42	10.40	10.27
Tires and inner tubes	603.59	603.59	554.26	45.9	45.9	43.2	13.15	13.15	12.83
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	577.43	569.06	566.63	36.5	35.7	37.6	15.82	15.94	15.07
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	502.25	503.07	451.20	40.8	41.0	40.0	12.31	12.27	11.28
WHOLESALE TRADE	301.48	305.36	287.25	38.9	39.3	38.3	7.75	7.77	7.50
RETAIL TRADE[f]	174.64	177.75	169.94	29.7	30.7	29.2	5.88	5.79	5.82
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
State government (includes education)	......	......	......	....	....	....	....	....	....
Local government (includes education)	......	......	......	....	....	....	....	....	....

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Akron area is defined as Portage and Summit Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; furniture and fixtures; primary metal industries; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CANTON METROPOLITAN AREA[a]

JANUARY 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	January 1984[b]	December 1983[c]	January 1983[c]	December 1983	January 1983
TOTAL	143.1	146.7	139.4	- 2.4	2.7
MANUFACTURING	44.5	44.9	41.8	- .8	6.6
Durable Goods[e]	33.6	33.8	31.6	- .5	6.5
Stone, clay, and glass products	1.7	1.7	1.7	- .4	1.6
Primary metal industries	10.9	11.0	9.0	- .4	21.1
Fabricated metal products	7.5	7.7	7.4	- 2.8	1.2
Fabricated structural metal products	1.9	1.9	2.2	- 1.2	- 16.5
Metal forgings and stampings	2.3	2.4	1.9	- 5.2	23.4
Nondurable Goods[f]	10.9	11.1	10.2	- 1.9	7.0
Food and kindred products	3.8	4.1	3.7	- 7.3	2.1
Rubber and misc. plastics products	2.8	2.7	2.3	1.8	22.6
NONMANUFACTURING[g]	98.6	101.8	97.6	- 3.2	1.0
CONSTRUCTION	3.6	4.5	3.4	- 19.5	4.5
TRANSPORTATION AND PUBLIC UTILITIES	5.7	5.8	6.0	- 2.9	- 5.1
Communication, electric, gas services	2.7	2.7	2.9	.1	- 6.8
WHOLESALE TRADE	7.3	7.4	7.1	- 1.0	3.7
RETAIL TRADE	25.1	26.5	25.1	- 5.3	.0
FINANCE, INSURANCE, AND REAL ESTATE	6.6	6.6	6.4	- .6	2.3
SERVICES	30.5	31.0	29.9	- 1.5	2.1
GOVERNMENT	18.5	18.6	18.5	- 1.1	- .2
Local government (includes education)	15.7	15.8	15.6	- 1.1	.3

[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Canton area is defined as Carroll and Stark Counties. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CANTON METROPOLITAN AREA[a]

JANUARY 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	January 1984[b]	December 1983[c]	January 1983[c]	Jan. 1984[b]	Dec. 1983[c]	Jan. 1983[c]	Jan. 1984[b]	Dec. 1983[c]	Jan. 1983[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$442.95	$443.90	$408.67	40.6	40.8	38.7	$10.91	$10.88	$10.56
Durable Goods[d]	454.26	459.19	422.14	40.2	40.6	38.8	11.30	11.31	10.88
Stone, clay, and glass products	272.44	276.69	256.76	39.2	40.1	39.2	6.95	6.90	6.55
Primary metal industries	484.41	485.19	467.19	40.2	40.5	36.7	12.05	11.98	12.73
Fabricated metal products	522.00	527.07	451.60	41.2	41.6	40.0	12.67	12.67	11.29
Fabricated structural metal products	483.08	474.01	401.19	42.6	41.8	38.1	11.34	11.34	10.53
Metal forgings and stampings	636.51	653.57	526.10	43.3	44.4	40.5	14.70	14.72	12.99
Nondurable Goods[e]	407.27	397.99	362.70	41.9	41.5	38.3	9.72	9.59	9.47
Food and kindred products	411.27	421.28	417.01	41.5	42.9	38.9	9.91	9.82	10.72
Rubber and misc. plastics products	470.02	452.09	371.60	45.9	45.3	41.8	10.24	9.98	8.89
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	546.19	567.58	532.40	36.1	36.5	35.9	15.13	15.55	14.83
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	490.77	495.60	458.54	41.0	41.3	40.4	11.97	12.00	11.35
WHOLESALE TRADE	319.52	323.39	300.03	36.6	37.3	36.5	8.73	8.67	8.22
RETAIL TRADE[f]	158.47	163.10	152.30	29.4	30.6	28.9	5.39	5.33	5.27
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
Local government (includes education)	......	......	......	....	....	....	....	....	....

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Canton area is defined as Carroll and Stark Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; furniture and fixtures; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CINCINNATI METROPOLITAN AREA[a]
JANUARY 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	January 1984[b]	December 1983[c]	January 1983[c]	December 1983	January 1983
TOTAL	572.2	583.8	560.1	- 2.0	2.2
MANUFACTURING	143.4	141.7	138.8	1.2	3.3
Durable Goods[e]	77.9	75.9	75.8	2.6	2.8
Furniture and fixtures	2.2	2.1	2.0	1.2	6.9
Primary metal industries	1.9	2.0	1.7	- 2.6	12.8
Fabricated metal products	12.6	12.7	11.8	- .5	6.6
Fabricated structural metal products	3.9	4.0	3.7	- 2.6	5.0
Machinery, except electrical	18.5	18.6	19.8	- .5	- 6.6
Metalworking machinery	7.7	7.8	9.1	- .7	- 14.7
General industrial machinery	3.3	3.4	3.4	- 3.4	- 1.0
Electric and electronic equipment	8.1	8.1	7.8	.5	4.8
Transportation equipment	25.4	23.0	23.6	10.3	7.8
Motor vehicles and equipment	10.5	8.1	8.9	29.1	17.5
Nondurable Goods[f]	65.5	65.8	63.0	- .5	3.9
Food and kindred products	14.3	14.4	14.0	- .8	2.2
Meat products	2.2	2.2	1.6[h]	- .2	41.4
Bakery products	2.4	2.4	2.3	- .9	5.9
Beverages	4.2	4.3	4.3	- .7	- 2.6
Apparel and other textile products	3.9	4.0	3.5	- 2.7	11.1
Paper and allied products	5.9	6.1	5.5	- 2.6	7.0
Printing and publishing	11.7	11.7	11.3	.0	3.3
Chemicals and allied products	21.6	21.6	21.4	- .1	1.2
Rubber and misc. plastics products	4.8	4.8	4.1	1.0	18.3
NONMANUFACTURING[g]	428.8	442.1	421.3	- 3.0	1.8
CONSTRUCTION	18.7	20.7	16.8	- 9.7	11.0
TRANSPORTATION AND PUBLIC UTILITIES	30.7	31.5	30.5	- 2.8	.4
Communication, electric, gas services	14.4	14.8	14.6	- 2.5	- 1.4
WHOLESALE TRADE	35.8	36.2	35.7	- 1.0	.4
RETAIL TRADE	101.7	107.8	101.5	- 5.6	.2
FINANCE, INSURANCE, AND REAL ESTATE	32.9	33.1	32.2	- .7	2.2
Banking	7.3	7.4	7.4	- 1.3	- .6
Insurance carriers	11.3	11.1	11.3	1.9	.3
SERVICES	128.7	131.4	123.3	- 2.0	4.4
GOVERNMENT	80.0	81.0	81.0	- 1.3	- 1.3
Federal government	12.8	12.6	12.3	2.0	4.1
State government (includes education)	17.5	17.8	19.2	- 1.5	- 8.8
Local government	49.6	50.6	49.5	- 2.0	.2
Local government, except education	21.0	21.2	21.3	- 1.0	- 1.2
Local government education	28.6	29.4	28.2	- 2.7	1.3

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[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Cincinnati area is defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; stone, clay, and glass products; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CINCINNATI METROPOLITAN AREA[a]
JANUARY 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	January 1984[b]	December 1983[c]	January 1983[c]	Jan. 1984[b]	Dec. 1983[c]	Jan. 1983[c]	Jan. 1984[b]	Dec. 1983[c]	Jan. 1983[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$436.39	$436.30	$397.94	41.8	42.4	40.4	$10.44	$10.29	$ 9.85
Durable Goods[d]	425.39	424.37	383.44	41.3	42.1	39.9	10.30	10.08	9.61
Furniture and fixtures	320.32	332.52	280.81	39.4	40.9	36.9	8.13	8.13	7.61
Primary metal industries	476.14	476.21	387.25	40.8	41.7	37.2	11.67	11.42	10.41
Fabricated metal products	376.53	390.70	382.75	40.4	41.3	42.2	9.32	9.46	9.07
Fabricated structural metal products	354.99	385.06	335.77	39.4	41.9	41.3	9.01	9.19	8.13
Machinery, except electrical	387.71	400.01	341.72	41.6	42.6	38.7	9.32	9.39	8.83
Metalworking machinery	422.50	423.15	371.76	40.2	40.3	37.4	10.51	10.50	9.94
General industrial machinery	352.81	353.01	343.15	40.6	41.0	40.9	8.69	8.61	8.39
Electric and electronic equipment	318.98	319.19	296.32	41.0	41.4	39.3	7.78	7.71	7.54
Transportation equipment	594.94	599.35	510.79	43.3	44.2	40.7	13.74	13.56	12.55
Motor vehicles and equipment	630.98	652.74	560.52	43.1	44.8	40.5	14.64	14.57	13.84
Nondurable Goods[e]	448.38	447.73	413.50	42.3	42.6	40.9	10.60	10.51	10.11
Food and kindred products	500.25	505.89	463.70	43.5	43.8	41.7	11.50	11.55	11.12
Meat products	422.57	423.55	396.94	42.9	43.0	38.5	9.85	9.85	10.31
Bakery products	499.01	482.65	425.63	45.2	43.6	42.1	11.04	11.07	10.11
Beverages	473.72	474.80	421.07	43.5	43.6	41.0	10.89	10.89	10.27
Apparel and other textile products	211.46	217.74	212.65	35.6	38.0	35.8	5.94	5.73	5.94
Paper and allied products	393.50	411.24	350.20	43.1	44.7	41.2	9.13	9.20	8.50
Printing and publishing	447.86	444.55	395.65	41.7	41.2	38.6	10.74	10.79	10.25
Chemicals and allied products	514.04	511.20	475.69	42.1	42.6	41.4	12.21	12.00	11.49
Rubber and misc. plastics products	372.19	360.90	340.52	45.5	45.0	43.6	8.18	8.02	7.81
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	536.55	530.31	530.71	36.7	36.1	37.4	14.62	14.69	14.19
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	456.25	453.94	413.51	39.4	39.2	38.9	11.58	11.58	10.63
WHOLESALE TRADE	345.39	349.74	322.25	39.7	40.2	38.5	8.70	8.70	8.37
RETAIL TRADE[f]	161.57	169.39	157.34	30.6	31.9	29.8	5.28	5.31	5.28
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
Banking	227.43	222.61	210.80	....	....	....	....	....	....
Insurance carriers	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
Federal government	......	......	......	....	....	....	....	....	....
State government (includes education)	......	......	......	....	....	....	....	....	....
Local government	......	......	......	....	....	....	....	....	....
Local government, except education	......	......	......	....	....	....	....	....	....
Local government education	......	......	......	....	....	....	....	....	....

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[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Cincinnati area is defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; stone, clay, and glass products; instruments and related products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products, petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CLEVELAND METROPOLITAN AREA[a]
JANUARY 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	January 1984[b]	December 1983[c]	January 1983[c]	December 1983	January 1983
TOTAL	819.7	837.9	807.3	-2.2	1.5
MANUFACTURING	211.9	212.1	204.4	-.1	3.7
Durable Goods[e]	147.6	148.0	142.2	-.2	3.9
Furniture and fixtures	2.1	2.1	1.9	.0	13.8
Primary metal industries	25.6	25.6	23.1	.0	10.6
Blast furnace and basic steel products	12.7	12.7	11.6	-.1	9.1
Iron and steel foundries	6.2	6.3	5.7	-.4	9.2
Nonferrous foundries	2.7	2.7	2.4	1.0	14.6
Fabricated metal products	32.1	32.1	31.0	.0	3.4
Fabricated structural metal products	3.7	3.7	3.5	-.4	6.4
Screw machine products, bolts, etc.	4.3	4.4	4.2	-1.1	2.3
Metal forgings and stampings	11.1	11.1	11.1	-.1	.4
Machinery, except electrical	31.4	31.3	31.0	.4	1.5
Construction and related machinery	5.2	5.2	4.9[h]	-1.2	4.9
Metalworking machinery	10.2	10.1	10.5	.3	-3.0
Special industry machinery	2.9	2.9	2.8	1.4	3.7
General industrial machinery	2.8	2.8	2.8	2.3	-.4
Electric and electronic equipment	22.5	22.5	22.3	.0	1.1
Electrical industrial apparatus	7.5	7.5	7.7	.0	-2.6
Transportation equipment	20.5	20.8	19.8	-1.4	3.5
Motor vehicles and equipment	14.1	14.4	13.3	-2.0	5.9
Instruments and related products	5.8	5.8	5.7	.0	.3
Nondurable Goods[f]	64.3	64.1	62.3	.2	3.2
Food and kindred products	7.7	7.8	7.6	-.3	2.2
Bakery products	1.7	1.7	1.7	.0	2.5
Beverages	1.6	1.6	1.6	3.6	1.9
Apparel and other textile products	5.1	5.1	5.0	.3	3.2
Paper and allied products	4.9	4.8	4.7	1.5	3.4
Printing and publishing	14.8	14.9	14.5	-.7	2.2
Chemicals and allied products	14.5	14.4	14.8	.3	-2.0
Industrial inorganic chemicals	3.3	3.3	3.7	.2	-12.6
Rubber and misc. plastics products	11.4	11.3	10.1	.8	12.3
NONMANUFACTURING[g]	607.8	625.8	602.8	-2.9	.8
CONSTRUCTION	22.9	25.1	20.9	-9.0	9.7
TRANSPORTATION AND PUBLIC UTILITIES	40.6	41.8	40.5	-2.9	.3
Communication, electric, gas services	19.8	19.8	20.2	-.1	-2.3
WHOLESALE TRADE	57.3	58.2	57.6	-1.5	-.5
RETAIL TRADE	131.5	139.7	131.6	-5.9	-.1
FINANCE, INSURANCE, AND REAL ESTATE	48.8	48.9	48.1	-.3	1.6
Banking	13.3	13.3	13.6	.1	-1.8
Insurance carriers	11.9	12.0	11.9	-.6	-.3
SERVICES	193.0	196.3	189.1	-1.7	2.0
GOVERNMENT	112.5	114.5	113.8	-1.7	-1.2
Federal government	19.4	19.5	19.2	-.8	.8
State government (includes education)	7.9	8.1	8.1	-3.0	-3.2
Local government	85.2	86.8	86.4	-1.8	-1.4
Local government, except education	43.6	43.6	44.3	.1	-1.5
Local government education	41.6	43.2	42.1[h]	-3.8	-1.3

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Cleveland area is defined as Cuyahoga, Geauga, Lake, and Medina Counties. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; stone, clay, and glass products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CLEVELAND METROPOLITAN AREA[a]
JANUARY 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	January 1984[b]	December 1983[c]	January 1983[c]	Jan. 1984[b]	Dec. 1983[c]	Jan. 1983[c]	Jan. 1984[b]	Dec. 1983[c]	Jan. 1983[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$451.31	$451.76	$409.54	42.1	42.3	39.8	$10.72	$10.68	$10.29
Durable Goods[d]	477.85	479.09	431.60	42.4	42.7	40.0	11.27	11.22	10.79
Furniture and fixtures	330.47	338.62	307.64	40.4	41.6	38.6	8.18	8.14	7.97
Primary metal industries	526.15	525.76	480.77	42.5	42.4	38.4	12.38	12.40	12.52
Blast furnace and basic steel products	485.64	485.64	480.25	38.3	38.3	34.7	12.68	12.68	13.84
Iron and steel foundries	684.22	685.56	561.38	46.8	46.7	41.4	14.62	14.68	13.56
Nonferrous foundries	368.94	362.50	371.28	42.8	42.2	42.0	8.62	8.59	8.84
Fabricated metal products	450.89	455.82	425.89	42.1	42.6	40.6	10.71	10.70	10.49
Fabricated structural metal products	314.87	330.96	316.54	37.8	38.8	38.0	8.33	8.53	8.33
Screw machine products, bolts, etc.	480.36	464.08	385.66	46.1	45.1	39.8	10.42	10.29	9.69
Metal forgings and stampings	559.85	564.55	533.83	43.5	43.9	42.3	12.87	12.86	12.62
Machinery, except electrical	484.40	457.03	398.35	43.6	42.2	38.6	11.11	10.83	10.32
Construction and related machinery	495.91	522.08	416.60	39.8	41.8	36.9	12.46	12.49	11.29
Metalworking machinery	427.65	436.77	398.32	41.6	42.2	38.3	10.28	10.35	10.40
Special industry machinery	527.61	527.17	438.54	44.3	44.6	41.1	11.91	11.82	10.67
General industrial machinery	415.95	421.74	359.00	42.1	42.6	35.9	9.88	9.90	10.00
Electric and electronic equipment	392.62	406.07	360.36	39.9	41.1	39.0	9.84	9.88	9.24
Electrical industrial apparatus	370.11	379.33	336.86	36.9	38.2	35.2	10.03	9.93	9.57
Transportation equipment	607.04	626.36	552.64	45.2	46.5	44.0	13.43	13.47	12.56
Motor vehicles and equipment	642.96	668.81	593.62	45.6	47.4	44.7	14.10	14.11	13.28
Instruments and related products	385.35	372.53	336.07	42.3	41.3	40.2	9.11	9.02	8.36
Nondurable Goods[e]	381.61	377.71	352.13	41.3	41.1	39.3	9.24	9.19	8.96
Food and kindred products	387.18	383.88	366.40	40.5	41.5	40.0	9.56	9.25	9.16
Bakery products	409.91	411.46	366.10	41.7	41.9	38.7	9.83	9.82	9.46
Beverages	350.55	351.94	319.09	41.0	41.6	39.2	8.55	8.46	8.14
Apparel and other textile products	280.28	279.49	254.51	39.2	39.7	37.1	7.15	7.04	6.86
Paper and allied products	410.56	413.25	378.48	43.4	43.5	41.5	9.46	9.50	9.12
Printing and publishing	373.63	371.31	371.51	37.4	36.8	37.3	9.99	10.09	9.96
Chemicals and allied products	477.63	476.10	421.83	43.5	43.4	40.6	10.98	10.97	10.39
Industrial inorganic chemicals	521.84	522.28	416.59	44.0	44.0	39.6	11.86	11.87	10.52
Rubber and misc. plastics products	351.54	340.90	320.28	43.4	42.4	40.8	8.10	8.04	7.85
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	737.43	724.01	630.94	39.1	38.8	37.4	18.86	18.66	16.87
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	522.79	526.54	479.99	41.1	41.2	40.2	12.72	12.78	11.94
WHOLESALE TRADE	357.60	351.52	337.74	40.0	39.9	39.0	8.94	8.81	8.66
RETAIL TRADE[f]	171.31	175.23	165.84	28.6	29.6	28.3	5.99	5.92	5.86
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
Banking	246.87	245.89	244.32	....	....	....	....	....	....
Insurance carriers	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
Federal government	......	......	......	....	....	....	....	....	....
State government (includes education)	......	......	......	....	....	....	....	....	....
Local government	......	......	......	....	....	....	....	....	....
Local government, except education	......	......	......	....	....	....	....	....	....
Local government education	......	......	......	....	....	....	....	....	....

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[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Cleveland area is defined as Cuyahoga, Geauga, Lake, and Medina Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; stone, clay, and glass products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN COLUMBUS METROPOLITAN AREA[a]
JANUARY 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	January 1984[b]	December 1983[c]	January 1983[c]	December 1983	January 1983
TOTAL	504.2	515.7	485.5	-2.2	3.8
MANUFACTURING	86.3	86.2	81.6	.2	5.8
Durable Goods[e]	55.5	55.2	50.7	.5	9.6
Stone, clay, and glass products	9.1	8.9	8.0	1.5	3.3
Fabricated metal products	9.9	9.9	8.5	.0	16.9
Machinery, except electrical	9.7	9.7	8.9	.7	8.6
Electric and electronic equipment	10.0	10.0	9.9	-.5	1.1
Transportation equipment	8.8	8.7	6.9	.7	26.8
Nondurable Goods[f]	30.8	30.9	31.0	-.5	-.5
Food and kindred products	9.7	9.8	9.8	-.6	-.7
Printing and publishing	8.1	8.2	8.2	-.5	-1.6
Chemicals and allied products	6.1	6.1	6.0	.0	1.4
Rubber and misc. plastics products	2.8	2.8	2.6	-.3	4.8
NONMANUFACTURING[g]	417.8	429.5	403.9	-2.7	3.5
CONSTRUCTION	13.6	15.5	12.8	-12.0	6.1
TRANSPORTATION AND PUBLIC UTILITIES	22.7	23.5	22.3	-3.4	2.0
Communication, electric, gas services	11.3	11.3	10.9	.0	3.3
WHOLESALE TRADE	27.3	27.7	26.7	-1.5	2.1
RETAIL TRADE	94.8	99.9	90.8	-5.1	4.4
FINANCE, INSURANCE, AND REAL ESTATE	44.2	44.2	41.7	.0	6.2
Banking	8.8	8.7	8.5	1.4	4.3
Insurance carriers	18.0	18.0	17.9	-.2	.6
SERVICES	112.7	114.4	108.1	-1.5	4.3
GOVERNMENT	102.0	103.7	101.0	-1.7	1.0
Federal government	11.3	11.3	11.3	-.2	.5
State government	47.8	49.5	48.2	-3.2	-.7
State government, except education	27.7	27.7	28.6	.0	-3.0
State government education[i]	20.1	21.7	19.6	-7.5	2.6
Local government	42.8	42.9	41.5	-.3	3.1
Local government, except education	17.2	17.1	17.1	.6	1.0
Local government education	25.6	25.8	24.5	-.9	4.5

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Columbus area is defined as Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes. [i] Includes State Universities, State Schools for Deaf and Blind, and the State Library. Excludes hospitals, the agricultural extension service, agricultural research centers, and departments coordinating and administering education programs (notably, the Ohio Department of Education).

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN COLUMBUS METROPOLITAN AREA[a]

JANUARY 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	January 1984[b]	December 1983[c]	January 1983[c]	Jan. 1984[b]	Dec. 1983[c]	Jan. 1983[c]	Jan. 1984[b]	Dec. 1983[c]	Jan. 1983[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$427.66	$437.81	$383.84	41.4	42.3	39.9	$10.33	$10.35	$ 9.62
Durable Goods[d]	449.59	462.46	403.41	41.9	42.9	40.1	10.73	10.78	10.06
Stone, clay, and glass products	383.38	403.37	366.91	39.2	41.8	39.2	9.78	9.65	9.36
Fabricated metal products	558.52	550.23	466.58	43.6	43.6	41.0	12.81	12.62	11.38
Machinery, except electrical	437.61	442.80	373.86	44.7	45.0	39.9	9.79	9.84	9.37
Electric and electronic equipment	414.10	437.84	392.51	41.0	42.1	41.1	10.10	10.40	9.55
Transportation equipment	549.85	575.67	520.96	44.2	45.4	44.0	12.44	12.68	11.84
Nondurable Goods[e]	379.49	387.16	348.00	40.2	41.1	39.5	9.44	9.42	8.81
Food and kindred products	354.12	373.84	348.59	39.7	41.4	41.1	8.92	9.03	8.48
Printing and publishing	439.92	445.81	415.62	37.6	38.3	38.2	11.70	11.64	10.88
Chemicals and allied products	462.44	459.02	388.97	43.3	43.1	40.1	10.68	10.65	9.70
Rubber and misc. plastics products	291.91	319.40	273.08	39.5	42.7	38.3	7.39	7.48	7.13
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	491.06	481.66	475.44	37.6	37.6	36.1	13.06	12.81	13.17
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	504.68	510.04	465.28	40.7	41.0	39.7	12.40	12.44	11.72
WHOLESALE TRADE	294.42	297.60	311.22	39.1	40.0	39.0	7.53	7.44	7.98
RETAIL TRADE[f]	162.16	163.39	155.27	28.6	29.6	28.7	5.67	5.52	5.41
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
Banking	237.14	228.59	225.07	....	....	....	....	....	....
Insurance carriers	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
Federal government	......	......	......	....	....	....	....	....	....
State government	......	......	......	....	....	....	....	....	....
State government, except education	......	......	......	....	....	....	....	....	....
State government education	......	......	......	....	....	....	....	....	....
Local government	......	......	......	....	....	....	....	....	....
Local government, except education	......	......	......	....	....	....	....	....	....
Local government education	......	......	......	....	....	....	....	....	....

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Columbus area is defined as Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN DAYTON METROPOLITAN AREA[a]

JANUARY 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	January 1984[b]	December 1983[c]	January 1983[c]	December 1983	January 1983
TOTAL	339.6	344.3	328.1	- 1.4	3.5
MANUFACTURING	90.4	90.2	83.2	.3	8.8
Durable Goods[e]	62.6	62.4	57.8	.5	8.4
Stone, clay, and glass products	2.0	2.0	1.6	- .2	23.0
Fabricated metal products	6.8	6.8	6.2	.3	9.7
Machinery, except electrical	29.4	29.3	27.5	.6	6.9
Metalworking machinery	6.5	6.5	6.3	.4	4.1
Electric and electronic equipment	4.9	4.9	4.7	.1	4.4
Electrical industrial apparatus	2.9	2.8	2.8	.4	3.6
Transportation equipment	13.5	13.5	12.3	.0	9.9
Nondurable Goods[f]	27.8	27.8	25.4	.0	9.6
Food and kindred products	3.0	3.0	2.8	- 1.3	7.3
Paper and allied products	5.6	5.5	5.2	.7	6.9
Printing and publishing	7.3	7.3	7.0	.6	3.8
Rubber and misc. plastics products	8.4	8.4	7.0	- .3	19.5
NONMANUFACTURING[g]	249.1	254.1	245.0	- 2.0	1.7
CONSTRUCTION	8.2	9.4	7.7	- 12.7	6.6
TRANSPORTATION AND PUBLIC UTILITIES	12.6	12.6	12.4	- .5	1.4
Communication, electric, gas services	5.7	5.7	6.2	.0	- 7.9
WHOLESALE TRADE	16.6	16.8	16.3	- .8	2.4
RETAIL TRADE	54.2	57.6	53.6	- 5.8	1.2
FINANCE, INSURANCE, AND REAL ESTATE	13.8	14.0	13.5	- 1.1	2.6
SERVICES	76.5	76.5	74.5	.0	2.7
GOVERNMENT	67.0	67.1	66.9	- .1	.1
Federal government	26.2	26.0	26.0	.9	.9
State government (includes education)	5.9	6.1	5.7	- 3.3	4.7
Local government	34.8	34.9	35.2	- .3	- 1.2
Local government, except education	12.8	12.9	12.8	- .8	.2
Local government education	22.0	22.0	22.4	.0	- 1.9

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Dayton area is defined as Greene, Miami, Montgomery, and Preble Counties. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN DAYTON METROPOLITAN AREA[a]

JANUARY 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	January 1984[b]	December 1983[c]	January 1983[c]	Jan. 1984[b]	Dec. 1983[c]	Jan. 1983[c]	Jan. 1984[b]	Dec. 1983[c]	Jan. 1983[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$477.36	$487.73	$406.40	43.2	43.9	40.0	$11.05	$11.11	$10.16
Durable Goods[d]	485.74	489.51	403.60	43.8	44.1	40.0	11.09	11.10	10.09
Stone, clay, and glass products	378.02	380.84	354.09	39.5	40.3	40.7	9.57	9.45	8.70
Fabricated metal products	352.34	381.06	320.76	41.5	43.6	39.6	8.49	8.74	8.10
Machinery, except electrical	522.06	526.92	420.80	45.2	45.7	40.5	11.55	11.53	10.39
Metalworking machinery	509.95	515.90	438.84	47.0	47.2	42.4	10.85	10.93	10.35
Electric and electronic equipment	333.31	332.88	303.28	41.2	41.3	39.8	8.09	8.06	7.62
Electrical industrial apparatus	358.15	363.32	325.56	41.5	42.1	39.8	8.63	8.63	8.18
Transportation equipment	606.87	613.16	497.71	44.2	44.4	40.3	13.73	13.81	12.35
Nondurable Goods[e]	459.22	481.25	412.80	41.9	43.2	40.0	10.96	11.14	10.32
Food and kindred products	363.71	382.30	384.94	40.1	41.6	39.4	9.07	9.19	9.77
Paper and allied products	405.57	409.02	360.39	43.1	43.1	41.0	9.41	9.49	8.79
Printing and publishing	415.80	439.79	381.84	37.8	39.8	36.4	11.00	11.05	10.49
Rubber and misc. plastics products	587.41	619.25	514.60	44.1	45.6	41.3	13.32	13.58	12.46
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	508.25	531.57	525.16	36.2	37.7	38.0	14.04	14.10	13.82
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	497.76	498.98	454.17	40.6	40.7	39.7	12.26	12.26	11.44
WHOLESALE TRADE	349.43	341.82	323.97	42.1	42.2	40.7	8.30	8.10	7.96
RETAIL TRADE[f]	155.81	159.60	149.63	28.8	30.0	28.5	5.41	5.32	5.25
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
Federal government	......	......	......	....	....	....	....	....	....
State government (includes education)	......	......	......	....	....	....	....	....	....
Local government	......	......	......	....	....	....	....	....	....
Local government, except education	......	......	......	....	....	....	....	....	....
Local government education	......	......	......	....	....	....	....	....	....

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Dayton area is defined as Greene, Miami, Montgomery, and Preble Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN TOLEDO METROPOLITAN AREA[a]

JANUARY 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	January 1984[b]	December 1983[c]	January 1983[c]	December 1983	January 1983
TOTAL	285.6	291.1	274.7	- 1.9	4.0
MANUFACTURING	74.3	74.0	66.2	.5	12.3
Durable Goods[e]	57.9	57.7	51.5	.4	12.4
Stone, clay, and glass products	11.3	11.4	11.4	- 1.0	- .9
Primary metal industries	3.8	3.7	3.4	1.3	9.9
Fabricated metal products	8.4	8.1	7.0	3.9	19.6
Metal forgings and stampings	4.2	4.0	3.1	4.6	33.9
Machinery, except electrical	6.3	6.1	6.3	2.0	- .2
General industrial machinery	1.6	1.5	1.7	5.8	- 5.9
Transportation equipment	20.5	20.5	16.0	- .1	28.3
Motor vehicles and equipment	19.3	19.3	14.8	- .1	30.6
Nondurable Goods[f]	16.4	16.2	14.6	.9	11.9
Food and kindred products	3.9	3.9	3.7	.4	7.7
Rubber and misc. plastics products	4.1	4.1	3.0	.4	37.1
NONMANUFACTURING[g]	211.3	217.2	208.5	- 2.7	1.3
CONSTRUCTION	8.4	9.7	9.5	- 12.8	- 10.8
TRANSPORTATION AND PUBLIC UTILITIES	17.2	17.5	16.9	- 1.7	1.7
Communication, electric, gas services	7.5	7.5	7.8	- .2	- 4.2
WHOLESALE TRADE	14.2	14.4	14.0	- 1.1	1.3
RETAIL TRADE	48.6	51.3	48.8	- 5.3	- .5
FINANCE, INSURANCE, AND REAL ESTATE	10.7	10.8	10.4	- .3	3.7
SERVICES	64.1	64.7	62.3	- .8	3.0
GOVERNMENT	47.7	48.6	46.3	- 1.9	2.9
State government (includes education)	15.0	15.4	14.5	- 2.4	4.0
Local government	29.9	30.4	29.1	- 1.7	2.8
Local government, except education	11.9	12.0	11.2	- .9	6.0
Local government education	18.0	18.4	17.9	- 2.3	.8

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[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Toledo area is defined as Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; electric and electronic equipment; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN TOLEDO METROPOLITAN AREA[a]

JANUARY 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	January 1984[b]	December 1983[c]	January 1983[c]	Jan. 1984[b]	Dec. 1983[c]	Jan. 1983[c]	Jan. 1984[b]	Dec. 1983[c]	Jan. 1983[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$493.62	$514.87	$460.65	43.3	44.5	41.5	$11.40	$11.57	$11.10
Durable Goods[d]	514.17	537.15	479.45	43.5	44.8	41.8	11.82	11.99	11.47
Stone, clay, and glass products	526.50	527.58	475.30	45.0	44.9	42.4	11.70	11.75	11.21
Primary metal industries	505.25	537.78	439.95	45.6	48.8	42.1	11.08	11.02	10.45
Fabricated metal products	458.22	503.69	452.15	42.0	44.3	42.1	10.91	11.37	10.74
Metal forgings and stampings	498.46	567.71	510.30	42.1	45.2	42.0	11.84	12.56	12.15
Machinery, except electrical	469.58	476.52	400.03	43.2	44.0	38.8	10.87	10.83	10.31
General industrial machinery	475.02	532.52	426.82	40.6	44.6	36.7	11.70	11.94	11.63
Transportation equipment	581.68	608.81	549.50	44.1	45.4	42.4	13.19	13.41	12.96
Motor vehicles and equipment	579.48	607.02	549.93	44.0	45.3	42.4	13.17	13.40	12.97
Nondurable Goods[e]	417.05	429.97	398.05	42.6	43.3	40.7	9.79	9.93	9.78
Food and kindred products	434.08	476.39	417.54	41.9	44.9	41.3	10.36	10.61	10.11
Rubber and misc. plastics products	368.68	355.93	329.22	44.1	43.3	40.1	8.36	8.22	8.21
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	633.36	665.60	612.47	37.7	40.0	37.3	16.80	16.64	16.42
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	516.63	510.88	454.57	41.1	41.2	39.7	12.57	12.40	11.45
WHOLESALE TRADE	330.98	332.72	335.42	38.0	38.2	37.9	8.71	8.71	8.85
RETAIL TRADE[f]	162.73	166.02	157.87	28.7	29.7	28.6	5.67	5.59	5.52
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
State government (includes education)	......	......	......	....	....	....	....	....	....
Local government	......	......	......	....	....	....	....	....	....
Local government, except education	......	......	......	....	....	....	....	....	....
Local government education	......	......	......	....	....	....	....	....	....

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[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Toledo area is defined as Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; furniture and fixtures; electric and electronic equipment; instruments and related products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

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Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN YOUNGSTOWN-WARREN METROPOLITAN AREA[a]

JANUARY 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	January 1984[b]	December 1983[c]	January 1983[c]	December 1983	January 1983
TOTAL	177.6	182.0	168.9	- 2.4	5.1
MANUFACTURING	55.4	55.6	47.9	- .4	15.6
Durable Goods[e]	50.3	50.5	43.1	- .4	16.6
Stone, clay, and glass products	1.5	1.6	1.5	- 3.4	- 1.5
Primary metal industries	23.8	23.8	20.0	- .2	19.1
Blast furnace and basic steel products	9.6	9.7	7.9	- .7	22.3
Fabricated metal products	8.2	8.2	7.1	.4	15.4
Fabricated structural metal products	1.9	1.9	2.1	.2	- 9.3
Machinery, except electrical	3.6	3.6	4.2	- .3	- 15.1
Metalworking machinery	1.5	1.5	2.1	- .3	- 31.9
Electric and electronic equipment	2.6	2.6	2.7	.1	- 1.7
Transportation equipment	8.9	9.0	5.9	- 1.3	51.2
Nondurable Goods[f]	5.1	5.1	4.8	.3	6.6
NONMANUFACTURING[g]	122.2	126.4	121.0	- 3.3	1.0
CONSTRUCTION	4.1	4.8	3.7	- 15.2	10.3
TRANSPORTATION AND PUBLIC UTILITIES	7.2	7.4	7.2	- 3.2	- .5
Communication, electric, gas services	3.1	3.1	3.3	- .1	- 4.6
WHOLESALE TRADE	7.7	7.8	7.3	- 2.1	4.7
RETAIL TRADE	32.9	34.7	33.2	- 5.3	- 1.0
FINANCE, INSURANCE, AND REAL ESTATE	7.2	7.2	7.0	- .6	2.4
SERVICES	38.9	39.0	37.7	- .5	3.1
GOVERNMENT	23.6	24.6	24.1	- 4.0	- 1.9
Local government (includes education)	18.2	18.7	18.7	- 2.6	- 2.4

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Youngstown-Warren area is defined as Mahoning and Trumbull Counties. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; instruments and related products; miscellaneous manufacturing. [f] Includes food and kindred products; tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and misc. plastics products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN YOUNGSTOWN-WARREN METROPOLITAN AREA[a]
JANUARY 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	January 1984[b]	December 1983[c]	January 1983[c]	Jan. 1984[b]	Dec. 1983[c]	Jan. 1983[c]	Jan. 1984[b]	Dec. 1983[c]	Jan. 1983[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$577.02	$547.78	$481.20	44.8	43.2	40.1	$12.88	$12.68	$12.00
Durable Goods[d]	593.97	562.03	493.25	45.1	43.4	40.2	13.17	12.95	12.27
Stone, clay, and glass products	406.72	384.07	311.87	41.0	39.8	35.2	9.92	9.65	8.86
Primary metal industries	553.43	553.36	494.38	41.8	41.7	38.0	13.24	13.27	13.01
Blast furnace and basic steel products	506.88	510.72	484.41	39.6	39.9	34.9	12.80	12.80	13.88
Fabricated metal products	670.66	648.13	535.52	47.7	47.0	42.2	14.06	13.79	12.69
Fabricated structural metal products	465.19	468.26	385.56	42.6	43.6	37.8	10.92	10.74	10.20
Machinery, except electrical	458.21	464.52	434.50	38.7	39.5	37.2	11.84	11.76	11.68
Metalworking machinery	466.85	481.73	456.69	39.8	41.6	38.9	11.73	11.58	11.74
Electric and electronic equipment	405.81	400.18	402.52	40.5	40.3	41.2	10.02	9.93	9.77
Transportation equipment	784.94	650.15	607.90	55.2	47.7	48.4	14.22	13.63	12.56
Nondurable Goods[e]	363.29	356.51	350.10	40.5	39.7	38.9	8.97	8.98	9.00
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	518.81	544.34	497.54	33.3	34.0	33.8	15.58	16.01	14.72
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	492.[illegible]	496.10	451.93	40.6	41.0	40.1	12.13	12.10	11.27
WHOLESALE TRADE	334.77	336.45	298.25	35.5	36.1	34.4	9.43	9.32	8.67
RETAIL TRADE[f]	169.65	172.98	155.08	29.3	30.4	28.3	5.79	5.69	5.48
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
Local government (includes education)	......	......	......	....	....	....	....	....	....

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Youngstown-Warren area is defined as Mahoning and Trumbull Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; furniture and fixtures; instruments and related products; miscellaneous manufacturing. [e] Includes food and kindred products; tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and misc. plastics products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

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Columbus 43216

NOTES ON OHIO EMPLOYMENT, HOURS, AND EARNINGS ESTIMATES

Civilian Labor Force Estimates

Civilian Labor Force.—Estimated number of workers 16 years of age and over, employed or unemployed during week including 12th of month, distributed by place of residence.

Total Employed.—Includes nonagricultural wage and salary workers, the self-employed, unpaid family workers, domestics, agricultural workers, and persons involved in labor disputes. Estimates of self-employed, domestics, and unpaid family workers based on data from U.S. Department of Labor and Bureau of the Census. Agricultural worker estimates derived from information supplied by U.S. Department of Agriculture. Estimates of workers involved in labor disputes based in part upon data from Federal Mediation and Conciliation Service. Employment distributed by place of residence.

Total Unemployed.—Estimated number of persons, by place of residence, who did not work during reference week and were looking for work, whether or not eligible for unemployment compensation. Includes those who did not work and were waiting to be called back to an old job or to report to a new job.

Nonagricultural Wage and Salary Employment

Collection.—Nonagricultural wage and salary employment as well as hours and earnings estimates based on monthly reports from sample of employers. Under cooperative arrangement with U.S. Bureau of Labor Statistics, Division of Research and Statistics of Ohio Bureau of Employment Services mails, edits, and processes Ohio reports, which are subsequently incorporated in national data.

Industrial Classification.—Employer establishments classified by industry on basis of their principal product or service. The Standard Industrial Classification Manual (U.S. Office of Management and Budget, Washington, D. C., 1972, amended 1977) used for classification.

Coverage.—Monthly reports on employment and (for most industries) payroll and hours obtained from approximately 8,000 Ohio employers.

Coverage of Ohio Nonagricultural Employment Sample

Industry Division	Approximate Percentage Covered by Sample
Total	43
Manufacturing	62
Nonmanufacturing	35
Mining	63
Construction	24
Transportation and Public Utilities	47
Wholesale Trade	19
Retail Trade	18
Finance, Insurance, and Real Estate	47
Services and Miscellaneous	21
Government	68

Nonagricultural Employment.—Persons who worked during, or received pay for, any part of pay periods which include 12th of month, distributed by place of employment. Includes persons on paid sick leave, paid holiday, or paid vacation. Excluded are persons laid off, on strike, or on unpaid vacation during entire reporting period. Proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers also excluded. Government employment covers only civilian employees. Full-time teachers considered employed during the summer vacation period, whether or not paid in those months.

Estimating Method.—Total employment is estimated from the employment of establishments reporting for two consecutive months, as follows:

$$\underset{\text{(current month)}}{\text{Total Employment}} = \underset{\text{(previous month)}}{\text{Total Employment}} \times \frac{\text{Sample Employment (current month)}}{\text{Sample Employment (previous month)}}$$

Benchmark Data.—Employment estimates compared annually with complete count of employment, by industry. Where revisions necessary, monthly estimates adjusted to new benchmark. Following revisions to new benchmark, industry data projected forward to current month by use of sample trends. Basic source of benchmark information is tabulations of employment data, by industry and area, compiled from contribution reports of employers covered under Ohio Unemployment Compensation Law.

Hours and Earnings

Method of Computing Averages.—Average hours computed by dividing total production worker hours worked during one week (the seven-day periods which include 12th of month) by number of production workers reported for such week. Average hourly earnings computed by dividing total production worker payroll for one week by total production worker hours for week. Average weekly earnings derived by multiplying average hourly earnings by average weekly hours.

Definitions.—Definitions of production or similar workers, payroll, and hours—from which average hours and earnings data are derived—follow:

Production Workers.—Includes working supervisors and all nonsupervisory workers (including group leaders and trainees) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping, maintenance, repair, janitorial and guard services, product development, auxiliary production for plant's own use (such as power plant), and record keeping and other services closely associated with production operations.

Nonsupervisory Workers.—Includes employees (not above working supervisory level) such as office and clerical workers, repairers, salespersons, operators, drivers, attendants, service employees, line installers, laborers, accountants, janitors, guards, and other employees whose services are closely associated with those of occupations listed.

Payroll.—Represents payroll for full- and part-time production, construction, or nonsupervisory workers who received pay for any part of pay periods which include 12th of month. Payroll is reported before deductions for social security, group insurance, withholding tax, bonds, and union dues; also includes pay for overtime, holidays, vacations, and sick leave paid directly by the firm. Bonuses (unless earned and paid regularly each pay period), tips, pay not earned in pay period reported (such as retroactive pay), and value of free rent, fuel, meals, or other payments in kind, excluded.

Hours.—Represents hours worked or paid for, during pay periods which include 12th of month, for production, construction, or nonsupervisory workers. Hours include time paid for holidays and vacations, and for sick leave when pay received directly from firm.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

Ohio Labor Market Information
BUREAU OF EMPLOYMENT SERVICES
JOB SERVICE OF OHIO

RICHARD F. CELESTE, *Governor*
DR. ROBERTA STEINBACHER, *Administrator*

4/5/84 S6270-1 A-

EMPLOYMENT, HOURS, AND EARNINGS IN OHIO
FEBRUARY 1984

Summary: Ohio's seasonally-adjusted unemployment rate was estimated at 9.3 percent in February--unchanged from January. The actual number of unemployed dipped from 512,000 to 499,000, lowering the unadjusted jobless rate from 10.3 to 10.1 percent. Total employment slipped .6 percent, to 4,426,000. Nonfarm payroll employment advanced .2 percent, to 4,092,000, with gains reported in manufacturing and services. The factory workweek slipped fractionally.

Factory Employment: Employment in Ohio's manufacturing establishments totaled 1,108,000 in February, .7 percent above January. Recalls boosted employment in the production of motor vehicles, basic steel, household appliances, and plastic products. Employment gains in glassware manufacturing were attributable largely to the reopening of an establishment following a temporary shutdown. Producers of household furniture reported seasonal business increases. Layoffs, however, were reported among several food processing industries.

Nonmanufacturing Employment: Nonmanufacturing industries in February employed 2,984,000 workers, on par with the previous month. Retailing dropped seasonally, with much of the decrease reported among department, apparel, and food stores. Construction slipped to its winter low as inclement weather hampered outdoor activities. Losses, however, were countered by a seasonal upturn among public and private schools and colleges.

Hours and Earnings: Average weekly earnings of Ohio's factory production workers slipped $1.50 from January, to $459 in February. The average workweek also dipped slightly, to 42.4 hours. Producers of motor vehicles and automotive hardware reported overtime curtailments in February. Overtime reductions also lowered earnings in petroleum refining, paper production, and meat processing. Stepped-up overtime, on the other hand, was reported by producers of household appliances and electrical industrial apparatus. Longer scheduled workweeks boosted weekly averages in the production of pottery.

Over the Year: Between February 1983 and February 1984, Ohio's seasonally adjusted jobless rate dropped from 13.6 percent to 9.3 percent of the civilian labor force. Total unemployment decreased by some 212,000 over the year. Total employment advanced 5.3 percent, while nonfarm wage and salary employment rose 3.3 percent. Durable-goods industries--notably, transportation equipment, primary metals, and metal fabricating--accounted for nearly four-fifths of the gain in factory employment (up 77,000 from a year ago). Spurred by gains in services, retailing, and construction, nonmanufacturing expanded by nearly two percent (52,000 jobs) over the year. Factory production workers averaged two full hours more per week in February 1984 than in February 1983, with gross weekly earnings up by nearly $40.

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EMPLOYMENT, HOURS, AND EARNINGS IN MAJOR METROPOLITAN AREAS

Akron.--Nonfarm establishments in Akron employed 245,100 wage and salary workers in February, up 2,000 from January. Manufacturing expanded by 400, to 66,500. A seasonal rebound in education and expansion in services lifted nonmanufacturing despite shrinkage in retail trade. Production workers in factories grossed $10.78 per hour for a workweek of 44.0 hours in February--fractionally above the previous month's averages.

Canton.--Canton's nonfarm payroll employment advanced by 500 in February, to 143,800. Primary metals accounted for most of the 300 increase in manufacturing, to 45,000 in February. In nonmanufacturing, gains in education were moderated by the seasonal decline in retailing. Hourly earnings of factory production workers slipped 3¢ from January, to $10.82 in February, although the average workweek was lengthened by .3 hours, to 40.7 hours.

Cincinnati.--Nonfarm wage and salary employment in Cincinnati totaled 571,900 in February, down 1,200 from the previous month. The loss occurred in nonmanufacturing, as the seasonal slump in retailing and cutbacks in construction were only partially offset by gains in services. Total manufacturing held constant at 143,200. Production workers in factories averaged $10.37 per hour for a workweek of 41.6 hours, slightly below January.

Cleveland.--Nonfarm payroll employment in Cleveland decreased 400 from January, to 818,600 in February. Declines in retail trade and construction were only partially offset by seasonal upturns in services and public schools. Factory employment, at 211,600, was unchanged from January. Production workers in manufacturing industries averaged $10.72 per hour for a workweek of 42.2 hours in February, up 2¢ and .3 hours from January.

Columbus.--Nonagricultural industries in the Columbus area employed 504,500 workers in February, up 700 from the previous month. Small-to-moderate gains were reported in most durable-goods industries, boosting manufacturing to 86,900, up 700 from January. Curtailed overtime in hard goods production lowered the average workweek for manufacturing production workers by .9 hours, to 40.3 hours. Their average hourly earnings dipped 10¢, to $10.23 in February.

Dayton.--Dayton's nonagricultural payroll employment held steady from January, at 339,400. Manufacturing workers numbered 90,800, up 300 from the previous month. In nonmanufacturing, seasonal shrinkage in retailing and construction was tempered by gains in services. Factory production workers averaged 43.1 hours per week in February, fractionally below the previous month. Earnings were unchanged, at $11.07 per hour.

Toledo.--Nonagricultural wage and salary employment in Toledo totaled 285,700 in February, up 1,400 from the previous month. Improvement in both durable and nondurable goods lifted total manufacturing by 1,000, to 75,600. Mixed seasonal patterns netted a slight increase in nonmanufacturing. Production workers in factories grossed $11.98 per hour for a workweek of 43.6 hours, up 6¢ and half an hour from January averages.

Youngstown-Warren.--Nonfarm wage and salary employment in the Youngstown-Warren area totaled 178,600 in February, 300 above the January level. The seasonal rebound in education, moderated by shrinkage in retailing, was responsible for the gain. Factory employment was unchanged, at 55,800. Production workers in manufacturing industries averaged 43.9 hours per week at $12.76 per hour, down .8 hours and 13¢ from January.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 3-23-84

EMPLOYMENT IN MAJOR METROPOLITAN AREAS[a]

Year and Month	Akron[b]	Canton[c]	Cincinnati[d]	Cleveland[e]	Columbus[f]	Dayton[g]	Toledo[h]	Youngstown-Warren[j]
NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT (in thousands)								
1973	255.1	147.9	534.5	865.2	451.0	335.6	285.8	211.6
1974	259.0	152.1	542.2	879.2	457.6	334.9	295.6	213.5
1975	248.4	145.0	531.2	850.6	445.4	321.4	275.5	200.7
1976	247.3	145.9	541.9	860.0	456.1	331.5	282.6	203.5
1977	259.3	149.8	562.1	880.9	471.6	343.1	292.1	208.0
1978	266.6	156.1	591.2	905.8	493.8	358.5	302.1	210.3
1979	270.9	160.7	607.4	919.8	507.3	364.9	306.0	213.9
1980	262.4	157.1	600.6	895.6	509.8	355.7	293.1	203.1
1981	259.6	156.6	592.2	880.7	506.6	352.5	290.9	198.7
1982	248.8	148.6	575.3	844.6	495.1	336.3	281.9	180.6
1983	245.0	143.6	573.7	826.0	500.0	335.4	281.0	177.6
1983								
February.	238.5	139.2	557.6	807.8	485.1	327.6	272.6	169.4
March ...	239.8	140.4	563.2	812.4	488.3	330.4	271.9	174.1
April ...	242.5	141.9	570.6	818.0	495.0	332.4	276.2	176.4
May	246.0	143.8	575.3	825.5	499.7	334.8	281.8	178.7
June	242.9	144.9	578.8	838.5	503.8	337.4	281.1	179.4
July	245.4	144.5	573.0	832.8	498.0	331.4	277.6	178.9
August ..	244.3	143.9	571.8	825.5	496.3	331.4	277.5	177.3
September	251.3	146.1	580.8	834.9	504.9	340.7	287.3	182.3
October .	250.3	145.9	584.0	835.5	512.6	342.1	289.6	181.3
November.	251.4	146.7	585.5	835.7	514.7	343.9	291.1	182.0
December.	250.9	146.7	583.8	837.9	515.7	344.3	291.1	182.0
1984								
January .	243.2	143.3	573.1	819.0	503.8	339.3	284.3	178.4
February.	245.1	143.8	571.9	818.6	504.5	339.4	285.7	178.6
MANUFACTURING EMPLOYMENT (in thousands)								
1973	94.0	61.7	165.5	288.1	106.0	117.7	93.4	93.0
1974	94.2	62.2	166.6	287.1	104.3	113.1	89.8	92.0
1975	84.5	55.3	153.9	260.3	93.1	100.1	80.7	80.8
1976	80.3	54.8	155.6	265.1	94.2	104.0	84.8	80.6
1977	85.6	56.0	161.1	270.8	98.9	109.2	88.2	81.1
1978	85.9	57.1	169.2	275.6	101.2	112.0	90.5	79.4
1979	85.6	59.1	173.1	276.3	101.1	109.5	88.6	79.9
1980	79.1	55.7	162.4	254.9	96.8	99.4	75.4	70.8
1981	75.7	54.8	157.3	246.8	93.1	97.8	74.6	67.3
1982	68.3	47.6	146.3	223.0	85.9	87.6	69.0	52.9
1983	65.1	43.6	140.7	207.6	84.0	86.2	69.1	53.0
1983								
February.	64.0	42.2	137.5	204.7	81.9	83.2	65.4	48.8
March ...	64.1	42.5	138.3	205.5	82.2	83.8	63.2	52.1
April ...	64.7	42.5	139.7	205.1	82.8	84.5	65.8	52.6
May	64.7	43.3	139.0	206.1	83.2	85.3	67.8	52.9
June	65.0	44.4	140.5	207.8	83.5	86.0	68.8	53.3
July	65.5	44.3	140.0	206.2	83.5	85.2	68.9	53.9
August ..	65.6	44.1	141.8	206.5	84.3	86.1	70.0	53.1
September	66.0	44.6	141.4	209.9	85.3	88.6	72.7	55.2
October .	66.1	44.2	144.2	210.9	86.6	88.7	73.2	54.9
November.	66.4	44.8	144.8	211.6	86.8	89.8	73.9	55.2
December.	66.2	44.9	141.7	212.1	86.2	90.2	74.0	55.6
1984								
January .	66.1	44.7	143.2	211.6	86.2	90.4	74.6	55.8
February.	66.5	45.0	143.2	211.6	86.9	90.8	75.6	55.8

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. [b] Akron includes Portage and Summit Counties. [c] Canton includes Carroll and Stark Counties. [d] Cincinnati includes Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. [e] Cleveland includes Cuyahoga, Geauga, Lake, and Medina Counties. [f] Columbus includes Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. [g] Dayton includes Greene, Miami, Montgomery, and Preble Counties. [h] Toledo includes Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. [j] Youngstown-Warren includes Mahoning and Trumbull Counties.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

MANUFACTURING PRODUCTION WORKERS AND AVERAGE WEEKLY HOURS IN MAJOR METROPOLITAN AREAS[a]

Year and Month	Akron[b]	Canton[c]	Cincinnati[d]	Cleveland[e]	Columbus[f]	Dayton[g]	Toledo[h]	Youngstown-Warren[j]
	MANUFACTURING PRODUCTION WORKERS (in thousands)							
1973	55.5	46.3	115.2	200.4	74.1	85.0	66.5	75.6
1974	56.1	46.9	115.3	199.5	71.2	79.5	63.1	74.2
1975	48.4	40.5	106.3	176.0	64.2	70.9	55.1	63.3
1976	44.5	40.4	107.8	180.9	65.4	73.4	59.3	63.3
1977	49.2	41.1	110.7	184.0	68.6	75.7	62.8	63.6
1978[k]......	49.4	42.2	116.4	188.0	70.1	77.5	64.1	62.5
1979	53.8	43.2	117.0	188.6	69.1	74.4	61.7	62.5
1980	47.5	40.1	106.6	169.2	64.6	65.5	49.6	54.1
1981	43.7	39.6	103.5	161.8	61.3	64.4	49.2	50.8
1982	36.9	33.3	95.5	141.8	55.1	55.6	45.2	38.1
1983	35.6	30.8	92.2	132.1	54.2	54.9	47.2	39.3
1983								
February.	34.5	29.4	89.1	128.7	52.2	52.4	42.8	35.1
March ...	34.6	29.7	89.8	129.4	52.4	52.9	40.7	38.0
April ...	35.2	29.7	90.9	129.6	53.2	53.5	43.7	38.6
May	35.3	30.4	90.5	130.8	53.5	54.2	45.7	39.0
June	35.4	31.4	91.7	132.2	53.9	54.7	46.9	39.5
July	35.8	31.3	91.4	130.4	53.8	53.7	47.0	40.2
August ..	36.1	31.2	93.4	131.2	54.5	54.4	48.3	39.4
September	36.4	31.6	93.1	134.8	55.5	57.0	50.9	41.7
October .	36.5	31.4	95.9	135.8	56.7	57.4	51.6	41.5
November.	37.0	31.9	96.8	136.7	56.8	58.3	52.5	41.8
December.	36.8	32.1	93.8	137.0	56.6	58.7	52.7	42.2
1984								
January .	36.8	31.7	95.4	136.5	56.8	58.8	53.3	42.3
February.	37.1	32.0	95.4	136.6	57.3	59.2	54.2	42.4
	MANUFACTURING PRODUCTION WORKERS' AVERAGE WEEKLY HOURS							
1973	43.0	41.0	42.2	43.2	40.8	43.3	43.1	42.9
1974	42.3	40.1	41.4	42.1	39.7	41.0	41.2	40.7
1975	41.1	39.4	40.8	40.4	39.6	41.3	40.4	38.6
1976	42.1	39.6	41.1	41.9	40.1	43.2	41.5	39.5
1977	42.3	39.7	41.6	42.8	40.3	43.5	42.7	40.4
1978	42.3	40.3	42.1	42.9	40.4	42.8	42.4	41.4
1979	41.6	40.9	41.5	42.2	40.1	42.1	40.9	40.7
1980	41.5	39.0	41.2	40.6	39.5	41.5	40.6	39.9
1981	41.8	40.0	41.1	41.1	40.0	41.4	40.9	40.8
1982	41.0	38.6	40.5	39.9	39.8	40.0	41.1	39.3
1983	43.1	39.6	41.1	40.9	40.7	41.9	42.9	42.1
1983								
February.	42.5	38.6	40.4	39.8	40.0	40.2	41.6	40.6
March ...	43.3	39.1	40.8	40.1	40.4	40.8	42.0	41.1
April ...	42.5	39.5	40.8	40.4	40.2	41.1	42.5	41.3
May	42.6	38.9	40.8	40.6	40.3	41.1	42.7	42.4
June	42.3	39.8	41.3	41.3	40.8	42.0	42.2	41.4
July	42.4	38.8	40.9	40.6	40.5	42.1	41.9	42.7
August ..	42.9	39.2	40.8	41.0	40.5	42.1	42.6	41.3
September	43.5	40.8	41.3	41.7	40.8	43.0	43.9	42.4
October .	43.2	40.2	41.3	41.5	41.0	42.7	43.9	43.9
November.	44.0	40.7	42.0	41.8	41.6	42.8	44.5	43.6
December.	45.5	40.8	42.4	42.3	42.3	43.9	44.5	43.2
1984								
January .	43.9	40.4	41.7	41.9	41.2	43.2	43.1	44.7
February.	44.0	40.7	41.6	42.2	40.3	43.1	43.6	43.9

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. [b] Akron includes Portage and Summit Counties. [c] Canton includes Carroll and Stark Counties. [d] Cincinnati includes Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. [e] Cleveland includes Cuyahoga, Geauga, Lake, and Medina Counties. [f] Columbus includes Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. [g] Dayton includes Greene, Miami, Montgomery, and Preble Counties. [h] Toledo includes Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. [j] Youngstown-Warren includes Mahoning and Trumbull Counties. [k] Not comparable to prior data due to change in sample composition.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

EARNINGS IN MAJOR METROPOLITAN AREAS[a]

Year and Month	Akron[b]	Canton[c]	Cincinnati[d]	Cleveland[e]	Columbus[f]	Dayton[g]	Toledo[h]	Youngstown-Warren[j]
	MANUFACTURING PRODUCTION WORKERS' AVERAGE HOURLY EARNINGS							
1973	$ 4.99	$ 4.80	$ 4.44	$ 4.83	$ 4.36	$ 5.00	$ 5.01	$ 5.29
1974	5.28	5.24	4.82	5.21	4.73	5.29	5.39	5.80
1975	5.66	5.64	5.19	5.63	5.18	5.73	5.80	6.39
1976	6.02	6.18	5.65	6.22	5.64	6.28	6.32	7.02
1977	6.75	6.88	6.27	6.84	6.08	6.92	7.00	7.76
1978	7.19	7.56	6.81	7.50	6.55	7.38	7.53	8.54
1979	7.73	8.09	7.31	8.00	7.05	8.00	8.14	9.27
1980	8.72	8.79	8.06	8.63	7.73	8.65	8.90	10.27
1981	9.50	9.76	8.78	9.62	8.67	9.61	9.93	11.62
1982	9.83	10.22	9.57	10.10	9.31	10.02	10.89	11.72
1983	10.49	10.66	10.11	10.45	9.97	10.61	11.28	12.38
1983								
February.	10.21	10.62	9.93	10.28	9.70	10.23	11.12	12.22
March ...	10.34	10.41	10.01	10.25	9.76	10.31	10.99	12.21
April ...	10.24	10.39	10.06	10.31	9.87	10.35	11.14	12.22
May	10.35	10.53	10.10	10.42	9.90	10.47	11.29	12.45
June	10.34	10.63	10.11	10.49	10.01	10.56	11.14	12.33
July	10.35	10.59	10.12	10.43	10.04	10.72	11.16	12.54
August ..	10.40	10.75	10.18	10.42	9.95	10.58	11.25	12.25
September	10.61	10.84	10.10	10.57	10.06	10.80	11.40	12.40
October .	10.82	10.78	10.23	10.55	10.11	10.86	11.43	12.58
November.	10.85	10.84	10.34	10.62	10.14	10.91	11.57	12.54
December.	11.01	10.88	10.29	10.68	10.35	11.11	11.57	12.68
1984								
January .	10.77	10.85	10.39	10.70	10.33	11.07	11.42	12.89
February.	10.78	10.82	10.37	10.72	10.23	11.07	11.48	12.76
	MANUFACTURING PRODUCTION WORKERS' AVERAGE WEEKLY EARNINGS							
1973	$214.57	$196.80	$187.37	$208.66	$177.89	$216.50	$215.93	$226.94
1974	223.34	210.12	199.55	219.34	187.78	216.89	222.07	236.06
1975	232.63	222.22	211.75	227.45	205.13	236.65	234.32	246.65
1976	253.44	244.73	232.22	260.62	226.16	271.30	262.28	277.29
1977	285.53	273.14	260.83	292.75	245.02	301.02	298.90	313.50
1978	304.14	304.67	286.70	321.75	264.62	315.86	319.27	353.56
1979	321.57	330.88	303.37	337.60	282.71	336.80	332.93	377.29
1980	361.88	342.81	332.07	350.38	305.34	358.98	361.34	409.77
1981	397.10	390.40	360.86	395.38	346.80	397.85	406.14	474.10
1982	403.03	394.49	387.59	402.99	370.54	400.80	447.58	460.60
1983	452.12	422.14	415.52	427.41	405.78	444.56	483.91	521.20
1983								
February.	433.93	409.93	401.17	409.14	388.00	411.25	462.59	496.13
March ...	447.72	407.03	408.41	411.03	394.30	420.65	461.58	501.83
April ...	435.20	410.41	410.45	416.52	396.77	425.39	473.45	504.69
May	440.91	409.62	412.08	423.05	398.97	430.32	482.08	527.88
June	437.38	423.07	417.54	433.24	408.41	443.52	470.11	510.46
July	438.84	410.83	413.91	423.46	406.62	451.31	467.60	535.46
August ..	446.16	421.40	415.34	427.22	402.98	445.42	479.25	505.93
September	461.54	442.27	417.13	440.77	410.45	464.40	500.46	525.76
October .	467.42	433.36	422.50	437.83	414.51	463.72	501.78	552.26
November.	477.40	441.19	434.28	443.92	421.82	466.95	514.87	546.74
December.	500.96	443.90	436.30	451.76	437.81	487.73	514.87	547.78
1984								
January .	472.80	438.34	433.26	448.33	425.60	478.22	492.20	576.18
February.	474.32	440.37	431.39	452.38	412.27	477.12	500.53	560.16

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. [b] Akron includes Portage and Summit Counties. [c] Canton includes Carroll and Stark Counties. [d] Cincinnati includes Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. [e] Cleveland includes Cuyahoga, Geauga, Lake, and Medina Counties. [f] Columbus includes Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. [g] Dayton includes Greene, Miami, Montgomery, and Preble Counties. [h] Toledo includes Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. [j] Youngstown-Warren includes Mahoning and Trumbull Counties.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

CIVILIAN LABOR FORCE ESTIMATES FOR MAJOR METROPOLITAN AREAS[a]
(In thousands)

Year and Month	Civilian Labor Force	Total Employed	Unemployed: Total Unemployed	Unemployed: Unemployment Rate	Year and Month	Civilian Labor Force	Total Employed	Unemployed: Total Unemployed	Unemployed: Unemployment Rate
AKRON[b]					CANTON[c]				
1973	287.1	274.9	12.2	4.3	1973	171.2	163.1	8.1	4.7
1974	290.8	277.7	13.0	4.5	1974	175.6	167.5	8.1	4.6
1975	292.0	264.3	27.7	9.5	1975	174.7	158.0	16.7	9.6
1976	291.3	266.3	25.0	8.6	1976	174.4	158.6	15.8	9.1
1977	294.2	274.7	19.5	6.6	1977	175.9	163.1	12.9	7.3
1978	298.9	282.2	16.7	5.6	1978	179.9	170.0	9.9	5.5
1979	303.8	285.4	18.4	6.1	1979	184.3	173.7	10.6	5.7
1980	304.5	278.3	26.2	8.6	1980	187.7	170.9	16.8	8.9
1981	304.1	274.9	29.1	9.6	1981	188.4	170.1	18.2	9.7
1982	305.8	269.4	36.4	11.9	1982	192.5	165.1	27.4	14.3
1983	304.4	267.0	37.4	12.3	1983	188.4	160.7	27.6	14.7
1983					1983				
January	293.3	248.9	44.5	15.2	January ...	184.0	150.6	33.4	18.1
February ...	293.2	250.8	42.3	14.4	February ..	183.2	150.7	32.4	17.7
March	297.5	257.2	40.3	13.5	March	186.0	155.0	31.0	16.7
April	302.4	263.4	39.0	12.9	April	188.0	158.3	29.8	15.8
May	307.6	267.7	40.0	13.0	May	191.0	160.7	30.3	15.8
June	307.6	268.8	38.8	12.6	June	192.7	163.9	28.7	14.9
July	313.6	279.8	33.8	10.8	July	193.1	168.9	24.2	12.5
August	309.1	276.9	32.2	10.4	August	191.0	167.0	24.0	12.6
September ..	305.1	271.4	33.7	11.1	September..	186.6	162.2	24.3	13.0
October	308.4	274.5	33.8	11.0	October ...	189.2	164.6	24.6	13.0
November ...	309.7	274.2	35.5	11.5	November ..	189.5	164.4	25.1	13.2
December ...	304.9	270.4	34.6	11.3	December ..	186.0	162.4	23.6	12.7
1984					1984				
January[p] ...	297.9	264.6	33.3	11.2	January[p] ..	182.2	159.7	22.5	12.4
CINCINNATI[d]					CLEVELAND[e]				
1973	572.0	543.0	29.0	5.1	1973	883.9	849.0	34.9	3.9
1974	595.3	569.8	25.5	4.3	1974	899.1	861.4	37.7	4.2
1975	595.3	551.6	43.6	7.3	1975	896.9	826.3	70.6	7.9
1976	604.8	566.6	38.2	6.3	1976	897.7	834.4	63.3	7.0
1977	623.4	588.7	34.7	5.6	1977	908.5	854.4	54.0	5.9
1978	648.3	615.8	32.5	5.0	1978	921.7	878.5	43.2	4.7
1979	663.4	628.1	35.3	5.3	1979	935.8	889.1	46.7	5.0
1980	676.2	628.6	47.5	7.0	1980	937.1	869.1	68.0	7.3
1981	678.5	619.3	59.1	8.7	1981	933.9	854.0	79.8	8.5
1982	682.0	610.4	71.6	10.5	1982	933.7	833.8	100.0	10.7
1983[j]	681.6	611.5	70.2	10.3	1983	930.7	824.7	105.9	11.4
1983[j]					1983				
January	661.5	580.1	81.3	12.3	January ...	897.7	779.3	118.4	13.2
February ...	655.9	577.2	78.7	12.0	February ..	896.8	780.5	116.3	13.0
March	667.8	590.2	77.6	11.6	March	915.6	800.5	115.1	12.6
April	674.9	604.1	70.8	10.5	April	923.4	813.9	109.5	11.9
May	683.3	609.9	73.4	10.7	May	935.9	822.2	113.8	12.2
June	694.4	620.1	74.3	10.7	June	962.0	845.0	117.0	12.2
July	697.9	632.7	65.2	9.3	July	966.5	867.1	99.3	10.3
August	693.0	629.8	63.2	9.1	August	955.0	857.0	98.0	10.3
September ..	683.3	616.6	66.7	9.8	September .	925.8	826.4	99.4	10.7
October	689.6	627.2	62.4	9.0	October ...	936.6	840.1	96.6	10.3
November ...	693.6	628.0	65.6	9.5	November ..	935.3	836.6	98.7	10.6
December ...	684.5	621.8	62.7	9.2	December ..	917.5	828.3	89.3	9.7
1984					1984				
January ...	INA	INA	INA	INA	January[p] ..	900.7	816.7	83.9	9.3

[a] Estimated in cooperation with U.S. Department of Labor. Data not seasonally adjusted. Subtotals may not add to totals due to rounding. Rates computed from unrounded figures. [b] Defined as Portage and Summit Counties. [c] Defined as Carroll and Stark Counties. [d] Defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana: and Boone, Campbell, and Kenton Counties, Kentucky. [e] Defined as Cuyahoga, Geauga, Lake, and Medina Counties. [j] 1983 estimates for the Cincinnati area are preliminary. 1983 estimates for the other metropolitan areas have been revised to a March 1983 benchmark. [p] Preliminary. INA—Information not available.

CIVILIAN LABOR FORCE ESTIMATES FOR MAJOR METROPOLITAN AREAS[a]
(In thousands)

Year and Month	Civilian Labor Force	Total Employed	Unemployed		Year and Month	Civilian Labor Force	Total Employed	Unemployed	
			Total Unemployed	Unemployment Rate				Total Unemployed	Unemployment Rate
		COLUMBUS[f]					DAYTON[g]		
1973	485.5	468.3	17.1	3.5	1973	358.0	343.5	14.5	4.1
1974	495.4	475.5	19.9	4.0	1974	359.5	342.5	17.0	4.7
1975	495.0	458.6	36.5	7.4	1975	357.6	327.7	29.9	8.4
1976	503.6	468.5	35.1	7.0	1976	360.5	336.3	24.2	6.7
1977	513.4	483.3	30.1	5.9	1977	368.6	348.3	[illegible]	5.5
1978	531.4	506.5	24.9	4.7	1978	381.1	363.7	[illegible]	4.6
1979	543.0	517.1	25.8	4.8	1979	392.2	367.9	[illegible]	6.2
1980	554.7	523.4	31.4	5.7	1980	390.2	361.0	29.2	7.5
1981	562.4	519.1	43.3	7.7	1981	390.8	357.9	32.8	8.4
1982	568.8	518.0	50.8	8.9	1982	391.1	347.0	44.2	11.3
1983	579.1	527.4	51.7	8.9	1983	390.6	350.7	39.9	10.2
1983					1983				
January	548.8	493.6	55.2	10.1	January ...	378.8	331.0	47.8	12.6
February ...	548.1	494.3	53.8	9.8	February ..	377.5	331.3	46.2	12.2
March	561.7	508.1	53.6	9.5	March	385.1	341.0	44.1	11.5
April	572.6	520.1	52.5	9.2	April	388.6	346.5	42.0	10.8
May	580.0	526.2	53.7	9.3	May	391.3	349.9	41.4	10.6
June	594.3	537.2	57.1	9.6	June	400.1	356.8	43.2	10.8
July	599.8	549.2	50.7	8.4	July	400.0	362.6	37.4	9.4
August	591.8	544.6	47.2	8.0	August	396.5	359.4	37.1	9.3
September ..	577.9	528.9	49.0	8.5	September .	389.5	353.7	35.7	9.2
October	594.3	545.1	49.2	8.3	October ...	395.4	360.8	34.7	8.8
November ...	594.7	544.2	50.5	8.5	November ..	396.8	360.3	36.5	9.2
December ...	585.3	537.9	47.4	8.1	December ..	388.0	355.5	32.5	8.4
1984					1984				
January[p] ...	575.6	530.1	45.6	7.9	January[p] ..	385.2	353.3	31.9	8.3
		TOLEDO[h]					YOUNGSTOWN-WARREN[i]		
1973	339.8	324.2	15.6	4.6	1973	232.5	221.8	10.8	4.6
1974	343.8	324.2	19.7	5.7	1974	236.7	223.7	13.0	5.5
1975	344.8	310.2	34.6	10.0	1975	236.7	209.8	26.9	11.4
1976	347.8	319.4	28.4	8.2	1976	234.2	210.5	23.7	10.1
1977	355.0	329.4	25.6	7.2	1977	234.0	215.0	19.0	8.1
1978	362.1	339.7	22.4	6.2	1978	235.2	217.5	17.7	7.5
1979	368.2	341.7	26.4	7.2	1979	237.1	219.9	17.1	7.2
1980	368.2	329.8	38.4	10.4	1980	238.9	210.5	28.4	11.9
1981	367.4	328.0	39.4	10.7	1981	234.0	205.7	28.2	12.1
1982	368.7	322.7	46.1	12.5	1982	237.7	191.5	46.2	19.4
1983[k]	375.1	327.9	47.1	12.6	1983	227.3	189.6	37.8	16.6
1983[k]					1983				
January	359.5	307.3	52.2	14.5	January ...	222.2	173.9	48.3	21.7
February ...	360.3	306.6	53.7	14.9	February ..	219.7	174.8	44.9	20.5
March	366.0	311.0	55.0	15.0	March	224.7	183.1	41.6	18.5
April	368.7	320.7	47.9	13.0	April	226.8	187.5	39.3	17.3
May	379.0	328.3	50.7	13.4	May	230.7	190.3	40.4	17.5
June	381.1	332.5	48.6	12.8	June	233.8	193.5	40.3	17.2
July	383.8	339.3	44.5	11.6	July	233.4	199.5	33.9	14.5
August	381.5	337.3	44.2	11.6	August	232.6	196.2	36.4	15.6
September ..	377.7	334.7	43.0	11.4	September .	226.7	193.1	33.6	14.8
October	382.5	340.7	41.8	10.9	October ...	227.0	195.5	31.5	13.9
November ...	383.8	339.9	43.9	11.4	November ..	227.9	195.2	32.7	14.4
December ...	376.8	337.0	39.8	10.6	December ..	222.4	192.2	30.2	13.6
1984					1984				
January ...	INA	INA	INA	INA	January[p] ..	217.8	189.2	28.6	13.1

[a] Estimated in cooperation with U.S. Department of Labor. Data not seasonally adjusted. Subtotals may not add to totals due to rounding. Rates computed from unrounded figures. [f] Defined as Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. [g] Defined as Greene, Miami, Montgomery, and Preble Counties. [h] Defined as Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. [i] Defined as Mahoning and Trumbull Counties. [k] 1983 estimates for the Toledo area are preliminary. 1983 estimates for the other metropolitan areas have been revised to a March 1983 benchmark. [p] Preliminary. INA—Information not available.

CIVILIAN LABOR FORCE ESTIMATES[a]
(not seasonally adjusted)

Year and Month	OHIO (in thousands)			Unemployment Rate	
	Civilian Labor Force	Total Employed	Total Unemployed	OHIO	U.S.
1973	4,621	4,423	198	4.3	4.9
1974	4,708	4,483	225	4.8	5.6
1975	4,721	4,292	429	9.1	8.5
1976	4,749	4,378	370	7.8	7.7
1977	4,830	4,518	312	6.5	7.1
1978	4,956	4,688	268	5.4	6.1
1979	5,056	4,758	298	5.9	5.8
1980	5,088	4,661	427	8.4	7.1
1981	5,098	4,606	492	9.6	7.6
1982	5,114	4,474	640	12.5	9.7
1983	5,110	4,488	622	12.2	9.6
1983					
February.	4,913	4,202	711	14.5	11.3
March ...	5,015	4,329	686	13.7	10.8
April ...	5,076	4,425	651	12.8	10.0
May	5,153	4,491	663	12.9	9.8
June	5,253	4,583	670	12.8	10.2
July	5,287	4,710	577	10.9	9.4
August ..	5,229	4,666	563	10.8	9.2
September	5,108	4,541	567	11.1	8.8
October .	5,159	4,611	548	10.6	8.4
November.	5,146	4,582	564	11.0	8.1
December.	5,040	4,513	528	10.5	8.0
1984					
January .	4,964	4,452	512	10.3	8.8
February.	4,925	4,426	499	10.1	8.4

OHIO NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT[a]
(in thousands)

Year and Month	Total Nonagricultural	Manufacturing	Nonmanufacturing
1973	4,112.9	1,426.3	2,686.5
1974	4,169.4	1,416.6	2,752.8
1975	4,016.2	1,267.5	2,748.7
1976	4,094.5	1,295.3	2,799.3
1977	4,230.1	1,344.1	2,885.9
1978	4,394.8	1,377.2	3,017.6
1979	4,484.7	1,382.3	3,102.5
1980	4,367.4	1,264.3	3,103.0
1981	4,317.6	1,232.6	3,085.1
1982	4,124.2	1,099.9	3,024.4
1983	4,083.8	1,066.9	3,017.0
1983			
February.	3,962.7	1,030.8	2,931.9
March ...	3,995.3	1,039.3	2,956.0
April ...	4,041.8	1,047.6	2,994.2
May	4,088.7	1,054.8	3,033.9
June	4,116.8	1,064.1	3,052.7
July	4,082.0	1,062.2	3,019.8
August ..	4,074.0	1,074.7	2,999.3
September	4,157.0	1,094.3	3,062.7
October .	4,170.0	1,099.1	3,070.9
November.	4,177.5	1,104.4	3,073.1
December.	4,176.1	1,101.9	3,074.2
1984			
January .	4,083.3	1,101.0	2,982.3
February.	4,091.8	1,108.2	2,983.6

OHIO NONMANUFACTURING WAGE AND SALARY EMPLOYMENT[a] (in thousands)

Year and Month	Mining	Construction	Transportation and Utilities	Wholesale Trade	Retail Trade	Finance, Insurance, Real Estate	Services	Government
1973	22.9	175.5	224.9	197.7	654.9	169.0	643.9	597.8
1974	24.2	172.3	227.8	205.7	668.1	171.9	669.7	613.1
1975	26.8	154.9	213.2	203.5	664.5	173.1	686.3	626.4
1976	28.2	154.2	213.7	208.4	682.4	177.0	703.2	632.2
1977	29.1	162.8	219.1	214.6	703.1	183.4	731.4	642.3
1978	29.0	176.6	225.0	226.0	730.4	191.1	772.1	667.5
1979	31.6	182.9	232.1	232.8	742.4	200.6	806.2	674.0
1980	30.7	167.4	223.1	230.6	726.6	203.8	830.9	689.9
1981	30.7	153.7	217.2	232.5	717.7	205.8	851.5	676.0
1982	30.3	134.6	206.8	226.0	703.4	206.4	857.3	659.6
1983	26.6	128.6	197.3	219.6	703.3	209.6	874.6	657.5
1983								
February.	25.6	103.6	193.5	215.5	670.5	205.2	849.5	668.5
March ...	25.2	109.3	194.6	216.6	677.4	205.9	856.1	671.0
April ...	25.2	116.1	196.9	218.2	694.4	207.2	868.7	667.7
May	25.6	126.4	199.1	219.5	705.9	208.7	877.5	671.3
June	27.0	135.7	201.4	221.6	713.1	211.3	888.2	654.5
July	27.4	140.8	201.5	221.4	709.8	212.2	883.2	623.4
August ..	27.4	142.2	184.6	221.3	712.4	212.3	883.0	616.2
September	27.5	144.6	201.0	221.2	714.8	211.8	891.3	650.4
October .	27.5	145.0	200.7	221.5	709.6	211.5	888.8	666.3
November.	27.4	140.9	199.6	221.1	717.8	211.5	884.2	670.6
December.	27.1	130.9	200.2	221.3	730.4	212.1	880.7	671.5
1984								
January .	27.0	115.0	193.1	218.3	693.6	210.8	868.3	656.3
February.	26.8	111.5	192.7	217.5	682.8	210.3	875.1	667.0

[a] Estimated in cooperation with U.S. Department of Labor. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates and averages computed from unrounded figures. All data exclude military personnel.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

EMPLOYMENT, HOURS, AND EARNINGS IN MANUFACTURING IN OHIO[a]

Year and Month	Manufacturing Employment (in thousands)			Production Workers in Manufacturing		
	All Manufacturing	Durable Goods	Nondurable Goods	Production Workers (in thousands)	Aggregate Weekly Payroll (in millions)	Aggregate Weekly Hours (in millions)
1973	1,426.3	1,018.2	408.1	1,046.7	$210.8	44.3
1974	1,416.6	1,013.1	403.5	1,028.7	217.4	42.4
1975	1,267.5	892.4	375.1	897.8	201.5	36.2
1976	1,295.3	910.6	384.6	926.1	233.9	38.2
1977	1,344.1	945.2	398.9	958.0	271.2	40.2
1978	1,377.2	974.5	402.7	985.5	302.5	41.5
1979	1,382.3	980.5	401.8	979.0	318.5	40.6
1980	1,264.3	882.6	381.8	867.8	301.9	35.2
1981	1,232.6	860.4	372.2	847.7	330.4	34.7
1982	1,099.9	752.4	347.5	735.7	297.1	29.5
1983	1,066.9	723.6	343.3	721.7	315.7	29.9
1983						
February.	1,030.8	695.8	334.9	684.9	287.2	27.7
March ...	1,039.3	703.2	336.1	692.5	293.8	28.3
April ...	1,047.6	710.1	337.4	702.1	301.8	28.9
May	1,054.8	716.2	338.6	709.8	306.6	29.2
June	1,064.1	721.8	342.3	718.2	314.4	29.8
July	1,062.2	720.2	341.9	715.9	309.7	29.4
August ..	1,074.7	728.4	346.3	729.3	316.1	30.0
September	1,094.3	740.8	353.5	749.0	335.5	31.5
October .	1,099.1	748.1	351.0	755.4	340.1	31.7
November.	1,104.4	752.9	351.4	761.9	348.7	32.4
December.	1,101.9	749.8	352.0	760.2	352.4	32.5
1984						
January .	1,101.0	750.4	350.5	758.6	349.5	32.2
February.	1,108.2	757.2	351.0	765.7	351.6	32.5

Year and Month	Production Workers Average Weekly Earnings			Production Workers Average Weekly Hours			Production Workers Average Hourly Earnings		
	Manufacturing	Durable Goods	Nondurable Goods	Manufacturing	Durable Goods	Nondurable Goods	Manufacturing	Durable Goods	Nondurable Goods
1973	$201.35	$207.95	$185.89	42.3	42.7	41.4	$ 4.76	$ 4.87	$4.49
1974	211.36	216.94	196.17	41.2	41.4	40.7	5.13	5.24	4.82
1975	224.47	228.90	211.85	40.3	40.3	40.2	5.57	5.68	5.27
1976	252.54	258.75	235.00	41.2	41.4	41.3	6.10	6.25	5.69
1977	283.08	292.02	258.34	42.0	42.2	41.4	6.74	6.92	6.24
1978	306.91	316.83	279.30	42.1	42.3	41.5	7.29	7.49	6.73
1979	325.36	335.30	297.98	41.5	41.6	41.1	7.84	8.06	7.25
1980	347.94	358.57	319.99	40.6	40.7	40.2	8.57	8.81	7.96
1981	389.78	401.64	358.16	40.9	40.9	40.7	9.53	9.82	8.80
1982	403.81	414.80	378.95	40.1	40.0	40.4	10.07	10.37	9.38
1983	437.18	452.35	402.52	41.4	41.5	41.2	10.56	10.90	9.77
1983									
February.	419.35	433.76	386.72	40.4	40.5	40.2	10.38	10.71	9.62
March ...	424.32	437.38	393.01	40.8	40.8	40.6	10.40	10.72	9.68
April ...	429.91	444.14	397.96	41.1	41.2	40.9	10.46	10.78	9.73
May	431.96	447.69	397.80	41.1	41.3	40.8	10.51	10.84	9.75
June	437.83	452.61	402.11	41.5	41.6	41.2	10.55	10.88	9.76
July	432.55	445.67	403.60	41.0	41.0	41.1	10.55	10.87	9.82
August ..	433.42	445.52	403.50	41.2	41.1	41.3	10.52	10.84	9.77
September	447.94	463.52	410.62	42.1	42.1	41.9	10.64	11.01	9.80
October .	450.24	468.68	408.78	42.0	42.3	41.5	10.72	11.08	9.85
November.	457.73	475.68	413.97	42.5	42.7	41.9	10.77	11.14	9.88
December.	463.52	483.15	419.05	42.8	43.1	42.2	10.83	11.21	9.93
1984									
January .	460.70	479.52	418.05	42.5	42.7	42.1	10.84	11.23	9.93
February.	459.19	478.67	415.23	42.4	42.7	41.9	10.83	11.21	9.91

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

EMPLOYMENT AND AVERAGE WEEKLY EARNINGS IN SELECTED MAJOR MANUFACTURING INDUSTRIES IN OHIO[a]

Year and Month	Stone, Clay and Glass Products	Primary Metal Industries	Fabricated Metal Products	Machinery, Except Electrical	Electric & Electronic Equipment	Transportation Equipment	Food and Kindred Products	Printing and Publishing	Rubber and Plastics Products
	EMPLOYMENT (in thousands)								
1973	73.3	173.3	175.2	219.9	134.1	167.2	76.4	67.7	109.8
1974	72.2	172.4	172.7	227.7	131.4	162.5	76.0	67.9	107.0
1975	65.0	151.5	150.9	207.7	112.3	140.8	73.5	64.8	94.8
1976	66.3	154.6	157.9	205.9	115.5	143.0	73.8	64.5	98.2
1977	67.1	157.7	166.5	210.7	120.9	151.8	74.4	65.4	107.4
1978	69.3	157.5	173.3	216.7	122.2	164.1	74.6	66.6	107.4
1979	69.7	158.9	175.5	223.6	117.6	165.8	74.4	67.6	106.7
1980	64.5	139.8	157.6	211.4	106.4	139.1	72.7	67.4	92.7
1981	61.0	138.3	154.9	204.2	101.9	136.9	69.2	66.1	89.0
1982	54.2	112.7	134.9	176.7	93.4	121.7	66.9	63.2	80.4
1983	52.7	104.5	130.9	153.1	90.2	131.6	64.5	62.3	82.4
1983									
February.	49.7	99.5	126.3	151.6	88.3	123.6	62.4	62.0	78.2
March ...	50.2	102.8	126.6	151.3	88.0	126.3	62.7	62.4	78.7
April ...	51.7	103.1	127.6	151.5	89.5	127.7	62.6	62.2	79.8
May	52.1	103.4	128.5	152.4	89.6	130.2	62.6	62.3	80.6
June	53.1	103.5	129.8	152.0	90.0	132.1	64.2	62.4	81.5
July	53.3	103.0	129.4	152.1	89.7	131.6	64.0	61.9	82.1
August ..	54.0	105.1	132.2	152.6	89.6	132.8	66.4	61.9	83.5
September	54.8	107.4	134.6	154.8	91.5	134.8	69.5	62.6	85.6
October .	54.9	108.0	136.5	154.5	92.4	138.8	66.4	62.6	86.4
November.	55.0	109.8	137.8	155.3	92.4	139.9	65.2	62.8	87.4
December.	53.7	110.3	137.3	155.5	91.9	138.5	65.2	63.0	87.5
1984									
January .	52.9	110.6	137.7	156.6	91.8	138.4	64.5	62.8	87.9
February.	53.5	111.3	138.1	157.0	92.8	141.4	64.0	62.8	88.6
	AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS								
1973	$189.03	$228.72	$204.67	$208.80	$176.23	$241.01	$188.94	$203.06	$193.12
1974	194.21	246.03	213.62	219.05	184.61	244.91	204.89	211.14	199.92
1975	207.55	256.46	224.96	228.25	201.30	263.22	222.68	226.95	213.31
1976	232.40	294.58	256.68	253.31	221.54	302.87	242.92	252.20	237.30
1977	253.95	329.54	290.44	279.18	248.44	359.20	258.54	271.96	263.97
1978	274.81	366.24	307.23	306.16	268.45	389.66	281.15	285.18	282.73
1979	293.34	395.43	323.38	329.09	289.27	391.56	304.50	302.62	300.66
1980	315.43	422.01	349.34	352.77	316.31	414.83	329.85	320.92	323.61
1981	348.02	484.04	389.61	389.16	350.27	471.50	362.75	347.70	368.67
1982	376.88	480.54	398.77	392.63	366.56	506.99	386.04	358.45	381.11
1983	400.57	503.85	460.65	424.09	394.63	557.92	403.79	375.62	412.25
1983									
February.	381.35	500.47	433.78	405.38	379.20	529.44	384.87	362.36	397.57
March ...	387.32	487.71	441.56	407.82	380.25	543.26	389.50	371.14	406.27
April ...	388.95	497.68	451.26	411.25	384.40	549.25	396.47	369.64	411.83
May	397.85	493.96	452.28	417.91	384.96	560.33	401.58	367.52	413.10
June	400.20	496.11	463.86	424.91	392.85	563.82	408.53	371.51	414.62
July	403.44	496.50	447.79	420.09	390.34	543.97	412.29	369.27	409.36
August ..	401.64	492.83	449.35	421.14	395.60	541.80	409.04	371.35	407.11
September	409.18	522.49	471.28	431.09	406.39	570.49	415.86	378.00	422.18
October .	412.17	514.18	479.45	436.31	408.04	581.79	396.89	384.94	425.87
November.	415.33	520.38	490.31	450.24	411.27	586.64	410.98	392.18	421.20
December.	421.16	525.79	505.52	463.54	415.17	588.60	420.30	393.97	422.61
1984									
January .	419.33	525.39	486.86	468.27	409.59	585.09	409.64	391.40	429.44
February.	419.92	532.93	484.44	470.45	419.92	566.79	412.44	389.13	424.86

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN OHIO[a]
FEBRUARY 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	February 1984[b]	January 1984[c]	February 1983[c]	January 1984	February 1983
TOTAL	4091.8	4083.3	3962.7	.2	3.3
MANUFACTURING	1108.2	1101.0	1030.8	.7	7.5
Durable Goods[e]	757.2	750.4	695.8	.9	8.8
Lumber and wood products	14.8	14.6	12.2	1.0	21.3
Furniture and fixtures	14.3	14.0	12.6	2.4	13.5
Household furniture	6.7	6.4	5.8	5.9	16.7
Stone, clay, and glass products	53.5	52.9	49.7	1.2	7.5
Glass and glassware, pressed or blown.	14.3	13.8	13.8	3.9	3.8
Structural clay products	4.1	4.3	4.2	- 3.9	- 2.5
Pottery and related products	5.4	5.4	5.2	- .4	4.6
Primary metal industries	111.3	110.6	99.5	.6	11.8
Blast furnace and basic steel products	55.3	54.6	48.9	1.2	13.1
Iron and steel foundries	22.3	22.1	19.9	1.0	12.4
Nonferrous rolling and drawing	18.8	19.0	17.5	- .7	7.6
Nonferrous foundries	9.0	9.1	7.8	- .9	15.1
Fabricated metal products	138.1	137.7	126.3	.3	9.3
Cutlery, hand tools, and hardware	11.2	11.2	10.6	- .5	5.1
Plumbing and heating, except electric.	4.8	4.8	4.4	.7	7.9
Fabricated structural metal products .	28.8	28.8	27.8	.3	3.7
Screw machine products, bolts, etc. ..	8.8	8.9	8.2	- .5	7.3
Metal forgings and stampings	42.9	43.0	37.1	- .2	15.5
Machinery, except electrical	157.0	156.6	151.6	.3	3.6
Construction and related machinery ...	15.5	15.7	16.7	- 1.1	- 7.0
Metalworking machinery	38.6	38.5	38.8	.3	- .6
Special industry machinery	16.2	16.0	16.0	.7	1.0
General industrial machinery	30.9	30.7	28.8	.5	7.3
Electric and electronic equipment	92.8	91.8	88.3	1.0	5.1
Electrical industrial apparatus	18.9	18.8	18.8	.5	.3
Household appliances	16.7	16.1	15.5	3.2	7.6
Electric lighting and wiring equipment	18.3	18.3	17.8	.4	3.2
Communication equipment	10.0	9.9	10.1	.3	- 1.8
Transportation equipment	141.4	138.4	123.6	2.2	14.4
Motor vehicles and equipment	95.2	92.4	80.2	3.0	18.7
Aircraft and parts	37.9	37.8	35.6	.3	6.5
Instruments and related products	21.4	21.4	19.8	- .2	7.9
Measuring and controlling devices	12.6	12.6	11.6	- .5	7.8
Nondurable Goods[f]	351.0	350.5	334.9	.1	4.8
Food and kindred products	64.0	64.5	62.4	- .8	2.6
Meat products	10.1	10.3	9.4	- 1.1	7.9
Dairy products	10.3	10.2	10.3	1.4	.6
Bakery products	9.7	9.7	9.6	- .2	1.2
Beverages	10.3	10.5	10.3	- 1.9	.3
Textile mill products	4.7	4.7	4.3	- .9	9.6
Apparel and other textile products	16.9	17.1	15.6	- .9	8.5
Paper and allied products	35.4	35.2	34.5	.5	2.4
Paper mills, except building paper ...	9.5	9.4	9.0	.4	4.6
Misc. converted paper products	11.5	11.4	11.1	.6	2.9
Paperboard containers and boxes	11.5	11.4	11.3	.9	2.2
Printing and publishing	62.8	62.8	62.0	.0	1.2
Newspapers	18.0	18.0	17.9	- .2	.3
Commercial printing	23.0	23.1	22.6	- .4	1.5
Chemicals and allied products	64.2	64.0	63.8	.2	.6
Industrial inorganic chemicals	11.4	11.3	12.0	1.2	- 4.5
Plastics materials and synthetics	8.9	8.9	8.8	.1	.5
Petroleum and coal products	9.4	9.4	8.7	- .5	7.4
Rubber and misc. plastics products	88.6	87.9	78.2	.8	13.2
Tires and inner tubes	20.3	20.2	20.2	.1	.4
Miscellaneous plastics products	47.4	46.8	39.5	1.3	19.9
Leather and leather products	5.0	4.8	5.2	4.1	- 4.1

See footnotes at end of table.

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN OHIO[a]
FEBRUARY 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	February 1984[b]	January 1984[c]	February 1983[c]	Feb. 1984[b]	Jan. 1984[c]	Feb. 1983[c]	Feb. 1984[b]	Jan. 1984[c]	Feb. 1983[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$459.19	$460.70	$419.35	42.4	42.5	40.4	$10.83	$10.84	$10.38
Durable Goods[d]	478.67	479.52	433.76	42.7	42.7	40.5	11.21	11.23	10.71
Lumber and wood products	287.39	289.73	295.32	39.1	39.1	39.8	7.35	7.41	7.42
Furniture and fixtures	322.51	321.44	306.92	41.4	41.0	39.5	7.79	7.84	7.77
Household furniture	275.52	275.02	270.44	39.7	38.9	38.8	6.94	7.07	6.97
Stone, clay, and glass products	419.92	419.33	381.35	41.7	41.6	40.1	10.07	10.08	9.51
Glass and glassware, pressed or blown.	431.98	431.07	395.69	40.6	40.4	39.1	10.64	10.67	10.12
Structural clay products	304.14	296.94	271.13	41.1	40.4	38.9	7.40	7.35	6.97
Pottery and related products	340.07	327.87	302.81	38.6	37.3	37.2	8.81	8.79	8.14
Primary metal industries	532.93	525.39	500.47	42.6	42.2	39.5	12.51	12.45	12.67
Blast furnace and basic steel products	534.52	525.21	525.42	41.5	41.0	37.8	12.88	12.81	13.90
Iron and steel foundries	541.01	529.39	479.08	43.7	42.9	40.6	12.38	12.34	11.80
Nonferrous rolling and drawing	579.79	579.42	515.43	43.3	43.5	41.4	13.39	13.32	12.45
Nonferrous foundries	432.90	427.20	380.64	45.0	44.5	41.6	9.62	9.60	9.15
Fabricated metal products	484.44	486.86	433.70	43.1	43.2	41.0	11.24	11.27	10.58
Cutlery, hand tools, and hardware	496.17	515.39	426.97	41.8	42.7	39.1	11.87	12.07	10.92
Plumbing and heating, except electric.	375.56	373.73	341.38	41.0	40.8	38.4	9.16	9.16	8.89
Fabricated structural metal products .	412.17	421.42	413.34	41.3	42.1	41.5	9.98	10.01	9.96
Screw machine products, bolts, etc. ..	423.36	416.55	359.46	44.1	43.3	39.2	9.60	9.62	9.17
Metal forgings and stampings	593.97	598.87	509.16	45.1	45.3	41.7	13.17	13.22	12.21
Machinery, except electrical	470.45	468.27	405.38	43.2	43.0	39.9	10.89	10.89	10.16
Construction and related machinery ...	423.46	422.26	380.93	40.1	39.5	37.2	10.56	10.69	10.24
Metalworking machinery	438.04	436.58	400.30	42.2	42.1	39.4	10.38	10.37	10.16
Special industry machinery	442.98	437.33	392.23	42.8	42.5	40.9	10.35	10.29	9.59
General industrial machinery	463.49	465.55	401.94	42.6	42.4	39.6	10.88	10.98	10.15
Electric and electronic equipment	419.92	409.59	379.20	41.7	41.0	40.0	10.07	9.99	9.48
Electrical industrial apparatus	394.28	377.39	351.59	40.9	39.6	38.3	9.64	9.53	9.18
Household appliances	461.17	429.32	399.59	43.1	41.4	40.2	10.70	10.37	9.94
Electric lighting and wiring equipment	401.85	402.78	374.51	41.3	41.1	41.2	9.73	9.80	9.09
Communication equipment	432.89	430.03	420.21	40.8	40.8	40.6	10.61	10.54	10.35
Transportation equipment	566.79	585.09	529.44	43.7	44.8	42.8	12.97	13.06	12.37
Motor vehicles and equipment	592.74	611.07	552.48	44.4	45.5	43.4	13.35	13.43	12.73
Aircraft and parts	500.82	515.82	481.95	41.7	42.7	41.8	12.01	12.08	11.53
Instruments and related products	328.84	323.60	295.54	40.9	40.5	39.3	8.04	7.99	7.52
Measuring and controlling devices	331.64	323.99	293.67	41.3	40.6	39.0	8.03	7.98	7.53
Nondurable Goods[e]	415.23	418.05	386.72	41.9	42.1	40.2	9.91	9.93	9.62
Food and kindred products	412.44	409.64	384.87	42.0	41.8	40.3	9.82	9.80	9.55
Meat products	382.59	391.40	381.79	40.4	41.2	38.8	9.47	9.50	9.84
Dairy products	407.46	424.86	381.49	42.8	43.8	42.2	9.52	9.70	9.04
Bakery products	427.28	442.66	393.03	40.5	41.8	39.5	10.55	10.59	9.95
Beverages	363.66	358.66	335.66	39.4	38.4	38.1	9.23	9.34	8.81
Textile mill products	322.56	322.14	280.68	42.0	42.0	39.7	7.68	7.67	7.07
Apparel and other textile products	250.26	248.20	222.38	38.8	38.6	36.1	6.45	6.43	6.16
Paper and allied products	441.67	449.90	406.08	44.3	44.9	43.2	9.97	10.02	9.40
Paper mills, except building paper ...	543.12	565.18	495.73	46.5	48.1	46.2	11.68	11.75	10.73
Misc. converted paper products	394.07	395.37	361.20	43.4	43.4	42.0	9.08	9.11	8.60
Paperboard containers and boxes	395.23	402.52	364.32	43.1	43.8	41.4	9.17	9.19	8.80
Printing and publishing	389.13	391.40	362.36	38.3	38.6	36.9	10.16	10.14	9.82
Newspapers	321.09	320.10	309.87	33.0	33.0	31.3	9.73	9.70	9.90
Commercial printing	409.42	418.18	370.82	40.1	40.6	37.8	10.21	10.30	9.81
Chemicals and allied products	472.21	474.89	434.52	41.9	42.1	40.8	11.27	11.28	10.65
Industrial inorganic chemicals	516.06	511.04	468.65	42.3	42.2	41.4	12.20	12.11	11.32
Plastics materials and synthetics	533.08	542.25	471.58	45.1	45.0	42.6	11.82	12.05	11.07
Petroleum and coal products	599.24	622.84	607.62	42.2	43.8	42.7	14.20	14.22	14.23
Rubber and misc. plastics products	424.86	429.44	397.57	43.8	44.0	41.5	9.70	9.76	9.58
Tires and inner tubes	576.38	576.83	533.95	45.1	45.1	43.2	12.78	12.79	12.36
Miscellaneous plastics products	414.64	420.20	380.78	43.6	44.0	40.9	9.51	9.55	9.31
Leather and leather products	201.93	201.46	197.65	38.1	38.3	36.2	5.30	5.26	5.46

See footnotes at end of table.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN OHIO[a]
FEBRUARY 1984 (Continued)

Industry	Employment (in thousands)			Percent Change From[d]	
	February 1984[b]	January 1984[c]	February 1983[c]	January 1984	February 1983
NONMANUFACTURING	2983.6	2982.3	2931.9	.0	1.8
MINING	26.8	27.0	25.6	- .7	4.7
Bituminous coal and lignite mining	11.7	11.9	10.8	- 1.6	8.6
CONSTRUCTION	111.5	115.0	103.6	- 3.0	7.6
General building contractors	28.7	29.3	25.5	- 2.4	12.1
Heavy construction contractors	13.8	14.7	13.2	- 6.7	4.3
TRANSPORTATION AND PUBLIC UTILITIES	192.7	193.1	193.5	- .2	- .4
Railroad transportation	16.9	17.4	18.0	- 3.0	- 6.0
Transportation, except railroads	83.7	83.0	81.2	.7	3.1
Trucking and warehousing	60.1	59.2	59.1	1.5	1.8
Communication, electric, gas services	92.2	92.7	94.4	- .5	- 2.3
Communication	52.5	52.7	54.0	- .2	- 2.7
Electric, gas, and sanitary services	39.6	40.0	40.3	- 1.0	- 1.7
WHOLESALE TRADE	217.5	218.3	215.5	- .4	.9
Wholesale trade-durable goods	136.3	136.8	135.0	- .4	1.0
Motor vehicles & automotive equipment	19.9	20.0	19.8	- .7	.6
Electrical goods	18.3	18.4	18.3	- .3	.1
Machinery, equipment, and supplies	57.5	57.6	57.0	- .2	.9
Wholesale trade-nondurable goods	81.2	81.6	80.5	- .4	.9
Groceries and related products	25.6	25.7	25.1	- .3	1.7
RETAIL TRADE	682.8	693.6	670.5	- 1.6	1.8
General merchandise stores	107.1	112.9	106.3	- 5.2	.8
Department stores	98.8	104.3	97.7	- 5.3	1.1
Food stores	116.2	117.4	113.6	- 1.0	2.3
Automotive dealers & service stations	73.1	73.3	72.8	- .2	.4
Apparel and accessory stores	32.6	33.5	32.6	- 2.7	.1
FINANCE, INSURANCE, AND REAL ESTATE	210.3	210.8	205.2	- .2	2.5
Banking	57.8	58.0	58.7	- .5	- 1.5
Credit agencies other than banks	31.8	31.8	30.4	.0	4.8
Insurance carriers	59.3	59.4	58.9	- .1	.6
SERVICES	875.1	868.3	849.5	.8	3.0
Hotels and other lodging places	27.5	27.2	27.0	.9	1.8
Laundry, cleaning, & garment services	16.0	16.2	16.0	- .9	.5
Business services	130.0	129.1	122.1	.7	6.4
Health services	325.3	325.0	314.9	.1	3.3
Hospitals	177.9	177.7	173.8	.1	2.4
GOVERNMENT	667.0	656.3	668.5	1.6	- .2
Federal government	89.2	89.0	87.7	.2	1.6
State government	143.0	137.1	146.1	4.3	- 2.1
State government, except education	68.8	68.9	70.7	- .1	- 2.7
State government education[i]	74.2	68.3	75.3	8.9	- 1.5
Local government	434.8	430.2	434.7	1.1	.0
Local government, except education	177.7	178.5	178.6	- .4	- .5
Local government education	257.1	251.7	256.1	2.1	.4

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[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes miscellaneous manufacturing. [f] Includes tobacco manufactures. [h] Depressed due to labor-management disputes. [i] Includes State Universities, State Schools for Deaf and Blind, and the State Library. Excludes hospitals, the agricultural extension service, agricultural research centers, and departments coordinating and administering educational programs (notably, the Ohio Department of Education).

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN OHIO[a]
FEBRUARY 1984 (Continued)

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	February 1984[b]	January 1984[c]	February 1983[c]	Feb. 1984[b]	Jan. 1984[c]	Feb. 1983[c]	Feb. 1984[b]	Jan. 1984[c]	Feb. 1983[c]
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
MINING	$504.00	$494.39	$453.84	45.0	44.3	43.1	$11.20	$11.16	$10.53
Bituminous coal and lignite mining	602.86	593.60	549.44	43.0	42.4	42.2	14.02	14.00	13.02
CONSTRUCTION	603.44	583.49	553.47	38.0	37.0	36.8	15.88	15.77	15.04
General building contractors	527.93	507.30	495.16	37.1	35.7	35.7	14.23	14.21	13.87
Heavy construction contractors	553.91	552.79	551.00	37.3	37.3	38.0	14.85	14.82	14.50
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Railroad transportation	......	......	......	....	....	....	....	....	....
Transportation, except railroads	......	......	......	....	....	....	....	....	....
Trucking and warehousing	450.63	458.02	465.15	36.4	36.7	36.8	12.38	12.48	12.64
Communication, electric, gas services	485.60	488.40	441.14	40.5	40.7	39.6	11.99	12.00	11.14
Communication	494.10	492.07	439.43	40.7	40.6	39.2	12.14	12.12	11.21
Electric, gas, and sanitary services	474.33	483.07	443.11	40.3	40.8	40.1	11.77	11.84	11.05
WHOLESALE TRADE	335.75	336.20	318.78	39.5	39.6	38.5	8.50	8.49	8.28
Wholesale trade-durable goods	331.23	331.67	311.92	40.1	40.3	38.7	8.26	8.23	8.06
Motor vehicles & automotive equipment	274.70	269.43	270.11	38.8	38.6	36.9	7.08	6.98	7.32
Electrical goods	277.02	277.40	258.86	38.0	38.0	37.3	7.29	7.30	6.94
Machinery, equipment, and supplies	376.16	374.10	347.11	41.2	41.2	39.4	9.13	9.08	8.81
Wholesale trade-nondurable goods	342.14	345.08	330.71	38.4	38.6	38.1	8.91	8.94	8.68
Groceries and related products	363.69	372.45	360.77	40.5	41.2	40.4	8.98	9.04	8.93
RETAIL TRADE[f]	158.69	157.85	153.36	28.8	28.7	28.4	5.51	5.50	5.40
General merchandise stores	158.89	160.73	153.46	29.1	29.6	28.9	5.46	5.43	5.31
Department stores	161.51	163.65	156.06	29.1	29.7	28.9	5.55	5.51	5.40
Food stores	212.31	212.61	222.88	30.2	30.2	30.7	7.03	7.04	7.26
Automotive dealers & service stations	214.32	214.76	196.97	35.9	36.4	35.3	5.97	5.90	5.58
Apparel and accessory stores	112.90	113.70	110.24	25.2	25.1	25.4	4.48	4.53	4.34
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
Banking	222.38	221.59	213.60	....	....	....	....	....	....
Credit agencies other than banks	217.03	215.00	212.12	....	....	....	....	....	....
Insurance carriers	295.10	292.48	284.98	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
Hotels and other lodging places	......	......	......	....	....	....	....	....	....
Laundry, cleaning, & garment services	......	......	......	....	....	....	....	....	....
Business services	......	......	......	....	....	....	....	....	....
Health services	......	......	......	....	....	....	....	....	....
Hospitals	285.94	286.79	276.46	33.6	33.7	34.3	8.51	8.51	8.06
GOVERNMENT	......	......	......	....	....	....	....	....	....
Federal government	......	......	......	....	....	....	....	....	....
State government	......	......	......	....	....	....	....	....	....
State government, except education	......	......	......	....	....	....	....	....	....
State government education	......	......	......	....	....	....	....	....	....
Local government	......	......	......	....	....	....	....	....	....
Local government, except education	......	......	......	....	....	....	....	....	....
Local government education	......	......	......	....	....	....	....	....	....

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes miscellaneous manufacturing. [e] Includes tobacco manufactures. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN AKRON METROPOLITAN AREA[a]
FEBRUARY 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	February 1984[b]	January 1984[c]	February 1983[c]	January 1984	February 1983
TOTAL	245.1	243.2	238.5	.8	2.8
MANUFACTURING	66.5	66.1	64.0	.6	3.9
Durable Goods[e]	33.9	33.7	31.9	.8	6.4
Stone, clay, and glass products	1.4	1.4	1.4	- 1.6	- 2.9
Fabricated metal products	12.8	12.7	12.4	1.2	3.7
Machinery, except electrical	8.6	8.6	8.1	- .8	6.2
Special industry machinery	1.3	1.4	1.4	- 2.6	- 4.3
Nondurable Goods[f]	32.5	32.4	32.1	.3	1.4
Food and kindred products	2.7	2.7	2.6	- .9	4.0
Chemicals and allied products	3.0	2.9	3.2	3.5	- 7.1
Rubber and misc. plastics products	21.7	21.6	21.3	.2	1.5
Tires and inner tubes	15.4	15.3	15.6	.0	- 1.8
NONMANUFACTURING[g]	178.7	177.1	174.5	.9	2.4
CONSTRUCTION	5.5	5.6	5.0	- 1.4	11.0
TRANSPORTATION AND PUBLIC UTILITIES	12.1	12.1	12.4	.1	- 2.3
Communication, electric, gas services	5.3	5.3	5.5	- .3	- 3.3
WHOLESALE TRADE	11.7	11.7	11.5	- .3	1.3
RETAIL TRADE	43.7	44.3	42.9	- 1.3	1.8
FINANCE, INSURANCE, AND REAL ESTATE	9.4	9.4	9.1	- .1	3.4
SERVICES	52.9	52.6	50.6	.5	4.6
GOVERNMENT	42.7	40.7	42.4	4.9	.7
State government (includes education)	14.5	12.6	14.2	[h]14.6	1.5
Local government (includes education)	26.2	26.0	26.1	.6	.2

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Akron area is defined as Portage and Summit Counties. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; primary metal industries; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN AKRON METROPOLITAN AREA[a]
FEBRUARY 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	February 1984[b]	January 1984[c]	February 1983[c]	Feb. 1984[b]	Jan. 1984[c]	Feb. 1983[c]	Feb. 1984[b]	Jan. 1984[c]	Feb. 1983[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$474.32	$472.80	$433.93	44.0	43.9	42.5	$10.78	$10.77	$10.21
Durable Goods[d]	500.19	496.62	439.62	44.7	44.5	43.1	11.19	11.16	10.20
Stone, clay, and glass products	402.12	396.20	385.63	41.8	41.4	41.2	9.62	9.57	9.36
Fabricated metal products	615.26	620.57	467.93	46.4	46.8	42.5	13.26	13.26	11.01
Machinery, except electrical	425.90	405.72	428.40	45.6	44.1	45.0	9.34	9.20	9.52
Special industry machinery	438.95	417.53	376.51	44.7	43.0	39.8	9.82	9.71	9.46
Nondurable Goods[e]	435.86	439.19	426.78	42.9	43.1	41.8	10.16	10.19	10.21
Food and kindred products	432.58	458.55	421.02	43.0	45.0	42.7	10.06	10.19	9.86
Chemicals and allied products	466.32	454.11	455.26	43.5	42.8	41.5	10.72	10.61	10.97
Rubber and misc. plastics products	459.19	461.12	437.57	43.9	44.0	42.4	10.46	10.48	10.32
Tires and inner tubes	614.46	614.46	563.27	46.2	46.2	43.8	13.30	13.30	12.86
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	564.71	566.64	536.85	35.9	36.0	36.2	15.73	15.74	14.83
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	502.25	501.02	448.15	40.8	40.7	39.8	12.31	12.31	11.26
WHOLESALE TRADE	313.23	302.64	293.61	39.8	39.0	39.2	7.87	7.76	7.49
RETAIL TRADE[f]	176.12	172.57	170.82	29.6	29.2	29.1	5.95	5.91	5.87
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
State government (includes education)	......	......	......	....	....	....	....	....	....
Local government (includes education)	......	......	......	....	....	....	....	....	....

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Akron area is defined as Portage and Summit Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; furniture and fixtures; primary metal industries; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CANTON METROPOLITAN AREA[a]
FEBRUARY 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	February 1984[b]	January 1984[c]	February 1983[c]	January 1984	February 1983
TOTAL	143.8	143.3	139.2	.4	3.3
MANUFACTURING	45.0	44.7	42.2	.6	6.6
Durable Goods[e]	34.1	33.8	31.9	.9	7.0
Stone, clay, and glass products	1.6	1.6	1.7	- 1.9	- 5.9
Primary metal industries	11.0	10.9	9.2	1.5	19.5
Fabricated metal products	7.5	7.6	7.5	- 1.6	- .3
Fabricated structural metal products	1.9	1.9	2.1	.8	- 11.1
Metal forgings and stampings	2.3	2.3	2.1	- 3.1	6.0
Nondurable Goods[f]	10.9	10.9	10.4	- .3	5.2
Food and kindred products	3.7	3.8	3.7	- 1.7	- .7
Rubber and misc. plastics products	2.8	2.8	2.3	.7	19.1
NONMANUFACTURING[g]	98.8	98.6	97.0	.3	1.9
CONSTRUCTION	3.6	3.6	3.0	- .9	19.0
TRANSPORTATION AND PUBLIC UTILITIES	5.6	5.7	5.9	- .9	- 4.4
Communication, electric, gas services	2.7	2.7	2.9	- .2	- 6.1
WHOLESALE TRADE	7.3	7.3	7.0	- .3	3.9
RETAIL TRADE	24.8	25.1	24.7	- 1.0	.5
FINANCE, INSURANCE, AND REAL ESTATE	6.5	6.5	6.4	.0	2.4
SERVICES	30.9	30.6	30.2	.9	2.2
GOVERNMENT	18.7	18.4	18.6	1.7	.2
Local government (includes education)	15.9	15.6	15.8	1.9	.7

[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Canton area is defined as Carroll and Stark Counties. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CANTON METROPOLITAN AREA[a]
FEBRUARY 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	February 1984[b]	January 1984[c]	February 1983[c]	Feb. 1984[b]	Jan. 1984[c]	Feb. 1983[c]	Feb. 1984[b]	Jan. 1984[c]	Feb. 1983[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$440.37	$438.34	$409.93	40.7	40.4	38.6	$10.82	$10.85	$10.62
Durable Goods[d]	454.01	450.32	423.83	40.5	40.1	38.6	11.21	11.23	10.98
Stone, clay, and glass products	281.24	279.79	270.40	39.5	40.2	40.0	7.12	6.96	6.76
Primary metal industries	474.02	470.84	473.35	39.8	39.5	36.3	11.91	11.92	13.04
Fabricated metal products	530.33	519.50	465.12	41.4	41.1	40.8	12.81	12.64	11.40
Fabricated structural metal products	477.22	481.23	424.40	42.8	42.7	40.0	11.15	11.27	10.61
Metal forgings and stampings	666.62	640.79	547.04	44.8	43.8	41.1	14.88	14.63	13.31
Nondurable Goods[e]	396.48	403.52	367.05	41.3	41.6	38.8	9.60	9.70	9.46
Food and kindred products	414.24	407.88	415.72	41.8	41.2	38.6	9.91	9.90	10.77
Rubber and misc. plastics products	460.36	467.97	378.36	45.4	45.7	41.9	10.14	10.24	9.03
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	561.24	553.21	508.53	36.0	36.3	34.5	15.59	15.24	14.74
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	490.84	491.56	452.73	40.7	41.1	40.1	12.06	11.96	11.29
WHOLESALE TRADE	316.11	314.39	299.01	36.8	36.9	36.2	8.59	8.52	8.26
RETAIL TRADE[f]	158.01	157.14	152.11	29.1	29.1	28.7	5.43	5.40	5.30
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
Local government (includes education)	......	......	......	....	....	....	....	....	....

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Canton area is defined as Carroll and Stark Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; furniture and fixtures; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CINCINNATI METROPOLITAN AREA[a]
FEBRUARY 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	February 1984[b]	January 1984[c]	February 1983[c]	January 1984	February 1983
TOTAL	571.9	573.1	557.6	-.2	2.6
MANUFACTURING	143.2	143.2	137.5	.0	4.2
Durable Goods[e]	78.1	78.0	74.4	.2	4.9
Furniture and fixtures	2.1	2.1	2.0	-4.5	2.9
Primary metal industries	2.0	1.9	1.6	.7	19.8
Fabricated metal products	12.5	12.5	11.7	-.2	6.9
Fabricated structural metal products	3.7	3.8	3.6	-3.8	.4
Machinery, except electrical	18.8	18.6	18.8	1.2	.1
Metalworking machinery	7.8	7.8	8.2	1.2	-4.5
General industrial machinery	3.4	3.4	3.4	.5	.4
Electric and electronic equipment	8.3	8.2	7.8	1.4	5.7
Transportation equipment	25.1	25.5	23.3	-1.3	7.8
Motor vehicles and equipment	10.3	10.5	8.8	-2.3	16.0
Nondurable Goods[f]	65.1	65.2	63.1	-.2	3.2
Food and kindred products	14.1	14.3	13.8	-1.1	2.5
Meat products	2.3	2.3	1.6[h]	-.9	39.5
Bakery products	2.5	2.4	2.3	4.4	8.7
Beverages	4.0	4.1	4.1	-4.2	-4.0
Apparel and other textile products	3.7	3.9	3.6	-3.3	4.9
Paper and allied products	6.0	5.9	5.5	.3	8.0
Printing and publishing	11.7	11.7	11.5	.2	1.6
Chemicals and allied products	21.5	21.6	21.3	-.4	1.1
Rubber and misc. plastics products	4.9	4.8	4.2	1.7	17.6
NONMANUFACTURING[g]	428.6	429.9	420.1	-.3	2.0
CONSTRUCTION	18.0	18.9	16.6	-4.8	8.5
TRANSPORTATION AND PUBLIC UTILITIES	30.4	30.6	30.6	-.7	-.6
Communication, electric, gas services	14.2	14.5	14.5	-1.8	-2.0
WHOLESALE TRADE	35.8	35.9	35.4	-.5	1.0
RETAIL TRADE	99.9	102.0	99.6	-2.0	.4
FINANCE, INSURANCE, AND REAL ESTATE	32.9	32.9	32.2	.0	2.3
Banking	7.3	7.3	7.3	.1	.3
Insurance carriers	11.3	11.3	11.3	.1	.4
SERVICES	129.7	128.8	123.6	.7	4.9
GOVERNMENT	81.5	80.3	81.9	1.5	-.4
Federal government	13.1	12.8	12.5	2.1	5.0
State government (includes education)	17.8	17.7	19.5	.7	-8.7
Local government	50.6	49.8	49.9	1.6	1.5
Local government, except education	21.1	21.0	21.1	.1	-.2
Local government education	29.5	28.8	28.8	2.7	2.7

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[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Cincinnati area is defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; stone, clay, and glass products; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CINCINNATI METROPOLITAN AREA[a]
FEBRUARY 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	February 1984[b]	January 1984[c]	February 1983[c]	Feb. 1984[b]	Jan. 1984[c]	Feb. 1983[c]	Feb. 1984[b]	Jan. 1984[c]	Feb. 1983[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$431.39	$433.26	$401.17	41.6	41.7	40.4	$10.37	$10.39	$ 9.93
Durable Goods[d]	418.37	421.67	389.94	41.3	41.3	40.2	10.13	10.21	9.70
Furniture and fixtures	344.04	320.32	296.83	41.5	39.4	38.6	8.29	8.13	7.69
Primary metal industries	454.65	467.93	392.27	39.5	40.2	37.9	11.51	11.64	10.35
Fabricated metal products	383.23	381.77	377.87	40.9	40.7	41.8	9.37	9.38	9.04
Fabricated structural metal products .	378.56	373.51	333.33	41.6	41.0	40.7	9.10	9.11	8.19
Machinery, except electrical	396.68	391.04	345.20	41.8	41.6	38.7	9.49	9.40	8.92
Metalworking machinery	449.28	422.34	376.62	41.6	40.3	37.4	10.80	10.48	10.07
General industrial machinery	353.05	352.87	325.88	41.1	40.7	39.5	8.59	8.67	8.25
Electric and electronic equipment	323.38	324.16	301.46	41.3	41.4	39.1	7.83	7.83	7.71
Transportation equipment	558.27	573.33	534.94	41.6	42.5	41.5	13.42	13.49	12.89
Motor vehicles and equipment	617.70	632.88	589.64	42.6	43.2	41.7	14.50	14.65	14.14
Nondurable Goods[e]	447.52	445.42	414.73	42.1	42.1	40.7	10.63	10.58	10.19
Food and kindred products	486.78	494.50	462.56	42.0	43.0	41.3	11.59	11.50	11.20
Meat products	393.82	410.18	369.24	40.6	42.2	36.2	9.70	9.72	10.20
Bakery products	456.92	500.57	415.33	41.5	45.3	41.0	11.01	11.05	10.13
Beverages	459.95	456.62	423.32	41.7	41.7	40.9	11.03	10.95	10.35
Apparel and other textile products	228.91	210.27	213.24	37.1	35.7	35.6	6.17	5.89	5.99
Paper and allied products	407.44	398.07	363.49	44.0	43.6	41.4	9.26	9.13	8.78
Printing and publishing	466.09	445.12	404.04	42.8	41.6	39.0	10.89	10.70	10.36
Chemicals and allied products	505.49	512.36	474.12	41.4	42.1	41.3	12.21	12.17	11.48
Rubber and misc. plastics products	366.75	367.84	345.58	45.0	45.3	43.8	8.15	8.12	7.89
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	541.29	536.19	525.54	37.1	36.6	36.7	14.59	14.65	14.32
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services ..	446.59	456.65	404.83	38.8	39.4	38.3	11.51	11.59	10.57
WHOLESALE TRADE	349.44	350.47	323.71	39.8	40.1	38.4	8.78	8.74	8.43
RETAIL TRADE[f]	163.48	164.93	155.23	30.5	30.6	29.4	5.36	5.39	5.28
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	.....
Banking	226.45	226.77	217.47	....	....	....	....	....	....
Insurance carriers	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
Federal government	......	......	......	....	....	....	....	....	....
State government (includes education) ..	......	......	......	....	....	....	....	....	....
Local government	......	......	......	....	....	....	....	....	....
Local government, except education ...	......	......	......	....	....	....	....	....	....
Local government education	......	......	......	....	....	....	....	....	....

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[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Cincinnati area is defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; stone, clay, and glass products; instruments and related products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CLEVELAND METROPOLITAN AREA[a]
FEBRUARY 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	February 1984[b]	January 1984[c]	February 1983[c]	January 1984	February 1983
TOTAL	818.6	819.0	807.8	.0	1.3
MANUFACTURING	211.6	211.6	204.7	.0	3.4
Durable Goods[e]	147.3	147.4	142.2	-.1	3.6
Furniture and fixtures	2.2	2.1	2.0	3.9	13.9
Primary metal industries	25.5	25.5	23.3	.1	9.7
Blast furnace and basic steel products	12.5	12.5	11.8	.0	6.5
Iron and steel foundries	6.2	6.2	5.6	.1	10.9
Nonferrous foundries	2.7	2.7	2.5	-.8	10.1
Fabricated metal products	31.8	32.2	30.9	-1.0	2.9
Fabricated structural metal products	3.7	3.7	3.4	.4	8.0
Screw machine products, bolts, etc.	4.3	4.3	4.2	-1.7	.4
Metal forgings and stampings	10.8	11.2	11.0	-2.9	-1.7
Machinery, except electrical	31.5	31.4	30.3	.4	4.1
Construction and related machinery	5.0	5.2	4.8[h]	-3.3	3.2
Metalworking machinery	10.3	10.3	10.2	.6	1.7
Special industry machinery	3.1	2.9	2.8	4.3	7.9
General industrial machinery	2.7	2.8	2.8	-2.5	-2.9
Electric and electronic equipment	22.3	22.3	22.5	-.1	-.9
Electrical industrial apparatus	7.5	7.5	7.7	.6	-2.2
Transportation equipment	20.4	20.4	20.2	-.1	.9
Motor vehicles and equipment	14.2	14.1	13.8	.1	2.4
Instruments and related products	5.8	5.8	5.7	.6	2.2
Nondurable Goods[f]	64.2	64.1	62.4	.2	2.9
Food and kindred products	7.6	7.7	7.5	-2.0	.4
Bakery products	1.7	1.7	1.7	-2.6	-.6
Beverages	1.6	1.6	1.6	-2.6	-1.1
Apparel and other textile products	5.2	5.1	5.0	1.5	4.0
Paper and allied products	4.9	4.8	4.8	.2	2.1
Printing and publishing	15.1	14.9	14.6	1.0	3.4
Chemicals and allied products	14.3	14.3	14.7	-.1	-2.5
Industrial inorganic chemicals	3.2	3.2	3.7	.0	-12.4
Rubber and misc. plastics products	11.4	11.4	10.3	-.1	10.1
NONMANUFACTURING[g]	607.0	607.4	603.2	-.1	.6
CONSTRUCTION	22.3	23.1	20.6	-3.4	8.1
TRANSPORTATION AND PUBLIC UTILITIES	40.0	40.3	40.2	-.8	-.3
Communication, electric, gas services	19.7	19.8	20.1	-.1	-2.0
WHOLESALE TRADE	57.1	57.3	57.4	-.4	-.5
RETAIL TRADE	129.8	131.7	129.5	-1.5	.2
FINANCE, INSURANCE, AND REAL ESTATE	48.4	48.7	48.1	-.8	.6
Banking	13.1	13.3	13.5	-1.5	-3.3
Insurance carriers	11.8	11.9	11.9	-.5	-.6
SERVICES	194.6	192.9	190.4	.9	2.2
GOVERNMENT	113.5	112.0	115.9	1.4	-2.0
Federal government	19.6	19.4	19.2	.6	1.8
State government (includes education)	8.1	8.0	8.1	.8	-.4
Local government	85.9	84.5	88.6	1.6	-3.0
Local government, except education	43.3	43.4	44.3	-.3	-2.4
Local government education	42.6	41.1	44.3	3.7	-3.7

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Cleveland area is defined as Cuyahoga, Geauga, Lake, and Medina Counties. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; stone, clay, and glass products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CLEVELAND METROPOLITAN AREA[a]
FEBRUARY 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	February 1984[b]	January 1984[c]	February 1983[c]	Feb. 1984[b]	Jan. 1984[c]	Feb. 1983[c]	Feb. 1984[b]	Jan. 1984[c]	Feb. 1983[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$452.38	$448.33	$409.14	42.2	41.9	39.8	$10.72	$10.70	$10.28
Durable Goods[d]	481.23	474.33	432.00	42.7	42.2	40.0	11.27	11.24	10.80
Furniture and fixtures	334.51	332.52	305.76	41.4	40.7	39.1	8.08	8.17	7.82
Primary metal industries	522.88	518.70	493.05	42.1	42.0	39.1	12.42	12.35	12.61
Blast furnace and basic steel products	473.34	473.48	490.70	37.3	37.4	35.1	12.69	12.66	13.98
Iron and steel foundries	706.86	681.29	591.33	47.6	46.6	43.1	14.85	14.62	13.72
Nonferrous foundries	355.74	366.79	368.30	42.0	42.6	41.9	8.47	8.61	8.79
Fabricated metal products	456.67	449.40	422.34	42.6	42.0	40.3	10.72	10.70	10.48
Fabricated structural metal products	335.09	323.02	324.24	39.1	38.5	38.6	8.57	8.39	8.40
Screw machine products, bolts, etc.	477.74	480.02	367.77	46.7	46.2	39.0	10.23	10.39	9.43
Metal forgings and stampings	569.30	552.12	529.61	44.2	43.0	41.8	12.88	12.84	12.67
Machinery, except electrical	497.25	477.73	406.90	44.2	43.0	39.2	11.25	11.11	10.38
Construction and related machinery	507.14	494.94	412.41	40.8	39.5	36.4	12.43	12.53	11.33
Metalworking machinery	430.98	428.70	416.71	41.6	41.5	39.8	10.36	10.33	10.47
Special industry machinery	508.56	509.50	447.10	42.7	42.6	42.1	11.91	11.96	10.62
General industrial machinery	423.44	412.98	365.77	42.6	41.8	37.4	9.94	9.88	9.78
Electric and electronic equipment	412.41	398.34	358.98	41.7	40.4	38.6	9.89	9.86	9.30
Electrical industrial apparatus	409.46	369.74	335.12	40.5	36.9	34.8	10.11	10.02	9.63
Transportation equipment	594.52	595.86	536.16	44.4	44.5	43.1	13.39	13.39	12.44
Motor vehicles and equipment	631.35	635.11	568.54	45.0	45.3	43.4	14.03	14.02	13.10
Instruments and related products	370.39	376.55	345.91	41.2	41.7	40.6	8.99	9.03	8.52
Nondurable Goods[e]	375.77	379.35	349.66	40.8	41.1	39.2	9.21	9.23	8.92
Food and kindred products	381.50	387.73	364.97	40.2	40.9	39.8	9.49	9.48	9.17
Bakery products	424.58	424.54	369.20	42.5	43.1	38.7	9.99	9.85	9.54
Beverages	337.90	342.50	317.15	39.8	40.2	39.3	8.49	8.52	8.07
Apparel and other textile products	281.71	279.96	255.98	39.4	39.1	37.7	7.15	7.16	6.79
Paper and allied products	412.38	419.96	376.24	43.5	44.3	41.3	9.48	9.48	9.11
Printing and publishing	368.00	375.50	355.85	36.8	37.4	36.2	10.00	10.04	9.83
Chemicals and allied products	476.50	469.52	429.22	43.2	42.8	40.8	11.03	10.97	10.52
Industrial inorganic chemicals	525.26	505.98	432.95	42.6	42.2	40.2	12.33	11.99	10.77
Rubber and misc. plastics products	344.54	348.25	321.07	42.8	43.1	40.9	8.05	8.08	7.85
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	791.86	730.22	637.69	41.2	38.8	37.8	19.22	18.82	16.87
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	518.61	522.79	467.68	40.9	41.1	39.6	12.68	12.72	11.81
WHOLESALE TRADE	342.81	355.11	334.93	39.0	39.9	38.9	8.79	8.90	8.61
RETAIL TRADE[f]	168.88	168.88	165.79	28.1	28.1	28.1	6.01	6.01	5.90
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
Banking	251.13	248.01	243.21	....	....	....	....	....	....
Insurance carriers	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
Federal government	......	......	......	....	....	....	....	....	....
State government (includes education)	......	......	......	....	....	....	....	....	....
Local government	......	......	......	....	....	....	....	....	....
Local government, except education	......	......	......	....	....	....	....	....	....
Local government education	......	......	......	....	....	....	....	....	....

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[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Cleveland area is defined as Cuyahoga, Geauga, Lake, and Medina Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; stone, clay, and glass products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN COLUMBUS METROPOLITAN AREA[a]
FEBRUARY 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	February 1984[b]	January 1984[c]	February 1983[c]	January 1984	February 1983
TOTAL	504.5	503.8	485.1	.1	4.0
MANUFACTURING	86.9	86.2	81.9	.8	6.0
Durable Goods[e]	56.1	55.5	51.1	1.2	9.7
Stone, clay, and glass products	9.3	9.1	8.9	2.7	4.4
Fabricated metal products	10.0	9.9	8.8	1.4	13.6
Machinery, except electrical	9.8	9.7	8.8	.8	10.6
Electric and electronic equipment	10.1	10.0	9.8	.7	2.9
Transportation equipment	8.8	8.8	7.2	.4	23.4
Nondurable Goods[f]	30.8	30.7	30.8	.0	- .1
Food and kindred products	9.8	9.7	9.7	.6	.5
Printing and publishing	8.0	8.1	8.2	- .7	- 2.3
Chemicals and allied products	6.2	6.1	6.0	.7	2.2
Rubber and misc. plastics products	2.7	2.7	2.6	- 1.9	3.7
NONMANUFACTURING[g]	417.6	417.6	403.1	.0	3.6
CONSTRUCTION	13.7	14.0	12.5	- 2.3	8.9
TRANSPORTATION AND PUBLIC UTILITIES	22.8	22.7	22.2	.8	2.7
Communication, electric, gas services	11.3	11.3	10.9	- .1	3.3
WHOLESALE TRADE	27.5	27.4	26.7	.3	2.8
RETAIL TRADE	93.6	95.1	88.4	- 1.6	5.8
FINANCE, INSURANCE, AND REAL ESTATE	44.4	44.4	41.9	.0	6.0
Banking	8.8	8.8	8.5	- .4	3.7
Insurance carriers	18.1	18.1	17.9	.1	1.0
SERVICES	113.4	112.7	108.8	.6	4.2
GOVERNMENT	101.9	100.9	102.0	1.0	- .2
Federal government	11.3	11.3	11.2	.2	1.5
State government	47.5	46.6	49.1	2.0	- 3.1
State government, except education	27.6	27.6	28.5	.1	- 3.2
State government education[i]	19.9	19.0	20.5	4.8	- 3.0
Local government	43.0	42.9	41.8	.1	2.8
Local government, except education	17.0	17.2	16.9	- 1.2	.9
Local government education	26.0	25.7	24.9	1.0	4.1

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Columbus area is defined as Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes. [i] Includes State Universities, State Schools for Deaf and Blind, and the State Library. Excludes hospitals, the agricultural extension service, agricultural research centers, and departments coordinating and administering education programs (notably, the Ohio Department of Education).

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN COLUMBUS METROPOLITAN AREA[a]
FEBRUARY 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	February 1984[b]	January 1984[c]	February 1983[c]	Feb. 1984[b]	Jan. 1984[c]	Feb. 1983[c]	Feb. 1984[b]	Jan. 1984[c]	Feb. 1983[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$412.27	$425.60	$388.00	40.3	41.2	40.0	$10.23	$10.33	$ 9.70
Durable Goods[d]	426.87	447.02	406.42	40.5	41.7	40.2	10.54	10.72	10.11
Stone, clay, and glass products	375.97	383.96	369.21	38.8	39.3	39.7	9.69	9.77	9.30
Fabricated metal products	522.08	556.37	478.58	41.6	43.5	40.8	12.55	12.79	11.73
Machinery, except electrical	399.23	429.46	387.06	41.5	43.6	40.7	9.62	9.85	9.51
Electric and electronic equipment	410.26	408.84	393.05	40.7	40.6	41.2	10.08	10.07	9.54
Transportation equipment	503.36	550.29	508.03	41.6	44.2	43.2	12.10	12.45	11.76
Nondurable Goods[e]	380.25	378.54	352.04	39.9	40.1	39.6	9.53	9.44	8.89
Food and kindred products	357.69	355.02	349.57	40.1	39.8	40.6	8.92	8.92	8.61
Printing and publishing	438.38	433.80	417.34	37.5	37.3	38.5	11.69	11.63	10.84
Chemicals and allied products	452.09	454.68	402.05	41.4	42.1	40.9	10.92	10.80	9.83
Rubber and misc. plastics products	292.64	304.30	282.35	39.6	40.9	39.6	7.39	7.44	7.13
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	473.06	484.53	478.66	36.7	37.3	36.4	12.89	12.99	13.15
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	503.82	506.72	460.20	40.5	40.7	39.3	12.44	12.45	11.71
WHOLESALE TRADE	287.90	290.86	308.80	38.8	39.2	38.6	7.42	7.42	8.00
RETAIL TRADE[f]	158.19	159.32	154.73	28.4	28.4	28.6	5.57	5.61	5.41
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
Banking	241.30	237.14	231.63	....	....	....	....	....	....
Insurance carriers	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
Federal government	......	......	......	....	....	....	....	....	....
State government	......	......	......	....	....	....	....	....	....
State government, except education	......	......	......	....	....	....	....	....	....
State government education	......	......	......	....	....	....	....	....	....
Local government	......	......	......	....	....	....	....	....	....
Local government, except education	......	......	......	....	....	....	....	....	....
Local government education	......	......	......	....	....	....	....	....	....

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Columbus area is defined as Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN DAYTON METROPOLITAN AREA[a]
FEBRUARY 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	February 1984[b]	January 1984[c]	February 1983[c]	January 1984	February 1983
TOTAL	339.4	339.3	327.6	.0	3.6
MANUFACTURING	90.8	90.4	83.2	.4	9.1
Durable Goods[e]	63.1	62.7	57.8	.7	9.2
Stone, clay, and glass products	2.0	2.0	1.7	-.4	20.2
Fabricated metal products	6.9	6.8	6.2	1.5	11.1
Machinery, except electrical	29.6	29.5	27.5	.2	7.7
Metalworking machinery	6.5	6.5	6.2	-1.0	3.9
Electric and electronic equipment	5.0	4.9	4.7	1.2	5.3
Electrical industrial apparatus	2.9	2.9	2.8	1.3	4.4
Transportation equipment	13.6	13.5	12.4	.2	9.3
Nondurable Goods[f]	27.7	27.8	25.4	-.4	8.8
Food and kindred products	2.9	3.0	2.8	-3.7	3.8
Paper and allied products	5.6	5.6	5.2	.1	7.4
Printing and publishing	7.3	7.3	7.0	-.2	3.8
Rubber and misc. plastics products	8.4	8.4	7.2	.1	17.3
NONMANUFACTURING[g]	248.6	248.9	244.4	-.1	1.7
CONSTRUCTION	7.9	8.3	7.3	-4.5	7.9
TRANSPORTATION AND PUBLIC UTILITIES	12.5	12.6	12.5	-.3	.1
Communication, electric, gas services	5.7	5.7	6.3	-.6	-9.1
WHOLESALE TRADE	16.6	16.6	16.2	-.2	2.2
RETAIL TRADE	53.3	54.3	52.6	-2.0	1.2
FINANCE, INSURANCE, AND REAL ESTATE	13.8	13.8	13.4	.1	3.1
SERVICES	77.3	76.5	74.8	1.1	3.4
GOVERNMENT	67.0	66.7	67.3	.5	-.5
Federal government	26.2	26.2	25.8	.0	1.6
State government (includes education)	5.9	5.8	5.9	3.1	1.3
Local government	34.8	34.7	35.7	.5	-2.3
Local government, except education	12.8	12.8	12.8	-.1	.0
Local government education	22.0	21.8	22.8	.9	-3.5

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Dayton area is defined as Greene, Miami, Montgomery, and Preble Counties. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN DAYTON METROPOLITAN AREA[a]
FEBRUARY 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	February 1984[b]	January 1984[c]	February 1983[c]	Feb. 1984[b]	Jan. 1984[c]	Feb. 1983[c]	Feb. 1984[b]	Jan. 1984[c]	Feb. 1983[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$477.12	$478.22	$411.25	43.1	43.2	40.2	$11.07	$11.07	$10.23
Durable Goods[d]	482.85	486.18	410.66	43.5	43.8	40.3	11.10	11.10	10.19
Stone, clay, and glass products	373.97	378.14	393.09	39.2	40.1	40.4	9.54	9.43	9.73
Fabricated metal products	390.22	361.67	323.79	43.6	42.3	39.2	8.95	8.55	8.26
Machinery, except electrical	518.97	522.26	427.76	44.7	45.1	40.7	11.61	11.58	10.51
Metalworking machinery	504.04	515.90	443.50	46.2	47.2	42.4	10.91	10.93	10.46
Electric and electronic equipment	330.86	326.84	307.63	41.1	40.5	39.9	8.05	8.07	7.71
Electrical industrial apparatus	361.50	347.73	329.54	41.6	40.2	39.8	8.69	8.65	8.28
Transportation equipment	602.80	608.72	505.06	44.0	44.4	40.6	13.70	13.71	12.44
Nondurable Goods[e]	463.10	461.16	413.83	42.1	42.0	40.1	11.00	10.98	10.32
Food and kindred products	387.47	369.26	383.96	42.3	40.4	39.3	9.16	9.14	9.77
Paper and allied products	406.94	406.94	362.30	43.2	43.2	41.5	9.42	9.42	8.73
Printing and publishing	400.03	419.52	358.60	36.7	38.0	35.4	10.90	11.04	10.13
Rubber and misc. plastics products	594.52	586.97	531.30	44.6	44.1	42.0	13.33	13.31	12.65
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	508.14	527.80	517.16	36.4	37.3	36.6	13.96	14.15	14.13
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	498.16	496.54	450.34	40.6	40.6	39.4	12.27	12.23	11.43
WHOLESALE TRADE	341.55	347.34	321.58	41.4	42.0	40.4	8.25	8.27	7.96
RETAIL TRADE[f]	156.10	154.73	148.86	28.8	28.6	28.3	5.42	5.41	5.26
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
Federal government	......	......	......	....	....	....	....	....	....
State government (includes education)	......	......	......	....	....	....	....	....	....
Local government	......	......	......	....	....	....	....	....	....
Local government, except education	......	......	......	....	....	....	....	....	....
Local government education	......	......	......	....	....	....	....	....	....

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Dayton area is defined as Greene, Miami, Montgomery, and Preble Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN TOLEDO METROPOLITAN AREA[a]
FEBRUARY 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	February 1984[b]	January 1984[c]	February 1983[c]	January 1984	February 1983
TOTAL	285.7	284.3	272.6	.5	4.8
MANUFACTURING	75.6	74.6	65.4	1.3	15.6
Durable Goods[e]	59.0	58.2	50.6[h]	1.3	16.6
Stone, clay, and glass products	11.5	11.3	11.2	1.8	3.1
Primary metal industries	3.9	3.9	3.5	- 1.0	10.9
Fabricated metal products	8.4	8.4	7.2	.3	16.8
Metal forgings and stampings	4.1	4.2	3.3	- 2.5	23.0
Machinery, except electrical	6.3	6.2	6.3	1.4	.8
General industrial machinery	1.6	1.6	1.7[h]	.3	- 5.8
Transportation equipment	20.9	20.6	16.3	1.5	28.3
Motor vehicles and equipment	19.7	19.4	15.1	1.5	30.4
Nondurable Goods[f]	16.6	16.4	14.8	1.4	12.4
Food and kindred products	4.0	3.9	3.7	2.1	8.0
Rubber and misc. plastics products	4.3	4.2	3.0	3.1	43.3
NONMANUFACTURING[g]	210.1	209.7	207.3	.2	1.4
CONSTRUCTION	8.3	8.6	8.8	- 3.7	- 6.2
TRANSPORTATION AND PUBLIC UTILITIES	17.1	16.8	16.9	1.8	1.0
Communication, electric, gas services	7.5	7.5	7.9	- .1	- 4.4
WHOLESALE TRADE	14.2	14.2	14.0	- .3	1.4
RETAIL TRADE	47.4	48.4	47.5	- 2.1	- .3
FINANCE, INSURANCE, AND REAL ESTATE	10.8	10.8	10.4	.2	4.0
SERVICES	64.3	64.2	62.2	.3	3.3
GOVERNMENT	47.8	46.5	47.1	2.8	1.5
State government (includes education)	14.9	13.7	15.0	8.3	- .9
Local government	30.2	30.1	29.4	.5	2.9
Local government, except education	11.9	11.9	11.2	- .5	5.8
Local government education	18.3	18.1	18.1	1.2	1.1

[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Toledo area is defined as Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; electric and electronic equipment; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN TOLEDO METROPOLITAN AREA[a]

FEBRUARY 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	February 1984[b]	January 1984[c]	February 1983[c]	Feb. 1984[b]	Jan. 1984[c]	Feb. 1983[c]	Feb. 1984[b]	Jan. 1984[c]	Feb. 1983[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$500.53	$492.20	$462.59	43.6	43.1	41.6	$11.48	$11.42	$11.12
Durable Goods[d]	523.73	511.49	478.61	43.9	43.2	41.8	11.93	11.84	11.45
Stone, clay, and glass products	527.77	524.21	467.29	44.5	44.2	41.5	11.86	11.86	11.26
Primary metal industries	517.47	492.35	431.17	47.0	44.8	41.3	11.01	10.99	10.44
Fabricated metal products	466.52	461.25	455.38	42.8	42.2	42.4	10.90	10.93	10.74
Metal forgings and stampings	487.21	502.02	511.34	41.5	42.4	42.4	11.74	11.84	12.06
Machinery, except electrical	458.15	468.29	400.42	43.1	43.4	38.8	10.63	10.79	10.32
General industrial machinery	479.10	482.04	413.40	42.1	41.2	36.2	11.38	11.70	11.42
Transportation equipment	598.09	575.96	566.35	44.6	43.6	43.2	13.41	13.21	13.11
Motor vehicles and equipment	594.96	572.45	565.47	44.4	43.4	43.1	13.40	13.19	13.12
Nondurable Goods[e]	411.28	420.42	409.18	42.4	42.9	41.0	9.70	9.80	9.98
Food and kindred products	449.86	451.35	428.64	42.4	42.5	41.9	10.61	10.62	10.23
Rubber and misc. plastics products	343.63	357.72	345.47	42.9	44.0	40.5	8.01	8.13	8.53
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	661.23	633.91	630.18	39.5	37.8	37.6	16.74	16.77	16.76
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	509.23	521.66	462.80	41.2	41.6	40.0	12.36	12.54	11.57
WHOLESALE TRADE	338.69	326.13	332.61	38.4	37.4	38.1	8.82	8.72	8.73
RETAIL TRADE[f]	159.90	159.90	155.68	28.3	28.3	28.0	5.65	5.65	5.56
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
State government (includes education)	......	......	......	....	....	....	....	....	....
Local government	......	......	......	....	....	....	....	....	....
Local government, except education	......	......	......	....	....	....	....	....	....
Local government education	......	......	......	....	....	....	....	....	....

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[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Toledo area is defined as Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; furniture and fixtures; electric and electronic equipment; instruments and related products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN YOUNGSTOWN–WARREN METROPOLITAN AREA[a]
FEBRUARY 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	February 1984[b]	January 1984[c]	February 1983[c]	January 1984	February 1983
TOTAL	178.6	178.4	169.4	.1	5.5
MANUFACTURING	55.8	55.8	48.8	.0	14.2
Durable Goods[e]	50.6	50.7	44.1	- .1	14.8
Stone, clay, and glass products	1.6	1.7	1.6	- 4.6	4.3
Primary metal industries	23.9	23.9	21.0	.0	13.7
Blast furnace and basic steel products	9.7	9.6	8.3	1.1	18.0
Fabricated metal products	8.3	8.3	7.3	.3	14.5
Fabricated structural metal products	1.9	1.9	1.9	1.5	.6
Machinery, except electrical	3.7	3.7	4.1	.8	- 10.0
Metalworking machinery	1.5	1.6	2.1	- .8	- 25.8
Electric and electronic equipment	2.6	2.6	2.6	- .7	- .7
Transportation equipment	8.9	8.9	6.1	- .1	46.7
Nondurable Goods[f]	5.1	5.1	4.7	.6	8.3
NONMANUFACTURING[g]	122.9	122.6	120.5	.2	1.9
CONSTRUCTION	4.2	4.3	3.4	- 2.3	23.8
TRANSPORTATION AND PUBLIC UTILITIES	7.2	7.2	7.3	.3	- .9
Communication, electric, gas services	3.1	3.1	3.2	- .1	- 4.0
WHOLESALE TRADE	7.7	7.7	7.3	- .2	4.6
RETAIL TRADE	32.5	32.9	32.5	- 1.4	- .1
FINANCE, INSURANCE, AND REAL ESTATE	7.2	7.2	7.0	.2	3.0
SERVICES	39.0	38.8	37.6	.5	3.5
GOVERNMENT	24.5	23.9	24.7	2.7	- .8
Local government (includes education)	18.7	18.5	18.9	1.2	- .7

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Youngstown–Warren area is defined as Mahoning and Trumbull Counties. Based on March 1983 benchmark. Includes full and part–time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self–employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; instruments and related products; miscellaneous manufacturing. [f] Includes food and kindred products; tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and misc. plastics products; leather and leather products. [g] Includes mining. [h] Depressed due to labor–management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN YOUNGSTOWN-WARREN METROPOLITAN AREA[a]
FEBRUARY 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	February 1984[b]	January 1984[c]	February 1983[c]	Feb. 1984[b]	Jan. 1984[c]	Feb. 1983[c]	Feb. 1984[b]	Jan. 1984[c]	Feb. 1983[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$560.16	$576.18	$496.13	43.9	44.7	40.6	$12.76	$12.89	$12.22
Durable Goods[d]	576.81	593.97	510.84	44.2	45.1	40.9	13.05	13.17	12.49
Stone, clay, and glass products	382.14	376.53	317.99	39.6	39.1	36.3	9.65	9.63	8.76
Primary metal industries	564.21	557.76	517.68	42.2	42.0	39.1	13.37	13.28	13.24
Blast furnace and basic steel products	542.82	518.98	513.97	41.5	40.2	36.4	13.08	12.91	14.12
Fabricated metal products	669.75	658.00	531.01	47.5	46.7	41.1	14.10	14.09	12.92
Fabricated structural metal products	418.57	415.64	373.16	39.6	38.7	36.3	10.57	10.74	10.28
Machinery, except electrical	453.94	468.47	451.14	39.2	39.4	38.2	11.58	11.89	11.81
Metalworking machinery	450.47	482.70	459.42	39.9	40.7	39.2	11.29	11.86	11.72
Electric and electronic equipment	428.03	407.84	405.46	41.8	40.5	41.8	10.24	10.07	9.70
Transportation equipment	669.61	789.21	630.34	49.2	55.5	49.4	13.61	14.22	12.76
Nondurable Goods[e]	353.12	360.19	343.52	39.9	40.2	38.0	8.85	8.96	9.04
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	477.54	518.58	531.72	31.5	33.2	36.0	15.16	15.62	14.77
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	496.54	493.69	451.13	40.7	40.7	40.1	12.20	12.13	11.25
WHOLESALE TRADE	337.79	333.66	297.16	36.4	35.8	34.0	9.28	9.32	8.74
RETAIL TRADE[f]	168.78	169.65	155.39	29.1	29.2	28.1	5.80	5.81	5.53
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
Local government (includes education)	......	......	......	....	....	....	....	....	....

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Youngstown-Warren area is defined as Mahoning and Trumbull Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; furniture and fixtures; instruments and related products; miscellaneous manufacturing. [e] Includes food and kindred products; tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and misc. plastics products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

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NOTES ON OHIO EMPLOYMENT, HOURS, AND EARNINGS ESTIMATES

Civilian Labor Force Estimates

Civilian Labor Force.—Estimated number of workers 16 years of age and over, employed or unemployed during week including 12th of month, distributed by place of residence.

Total Employed.—Includes nonagricultural wage and salary workers, the self-employed, unpaid family workers, domestics, agricultural workers, and persons involved in labor disputes. Estimates of self-employed, domestics, and unpaid family workers based on data from U.S. Department of Labor and Bureau of the Census. Agricultural worker estimates derived from information supplied by U.S. Department of Agriculture. Estimates of workers involved in labor disputes based in part upon data from Federal Mediation and Conciliation Service. Employment distributed by place of residence.

Total Unemployed.—Estimated number of persons, by place of residence, who did not work during reference week and were looking for work, whether or not eligible for unemployment compensation. Includes those who did not work and were waiting to be called back to an old job or to report to a new job.

Nonagricultural Wage and Salary Employment

Collection.—Nonagricultural wage and salary employment as well as hours and earnings estimates based on monthly reports from sample of employers. Under cooperative arrangement with U.S. Bureau of Labor Statistics, Division of Research and Statistics of Ohio Bureau of Employment Services mails, edits, and processes Ohio reports, which are subsequently incorporated in national data.

Industrial Classification.—Employer establishments classified by industry on basis of their principal product or service. The Standard Industrial Classification Manual (U.S. Office of Management and Budget, Washington, D. C., 1972, amended 1977) used for classification.

Coverage.—Monthly reports on employment and (for most industries) payroll and hours obtained from approximately 8,000 Ohio employers.

Coverage of Ohio Nonagricultural Employment Sample

Industry Division	Approximate Percentage Covered by Sample
Total	43
Manufacturing	62
Nonmanufacturing	35
Mining	63
Construction	24
Transportation and Public Utilities	47
Wholesale Trade	19
Retail Trade	18
Finance, Insurance, and Real Estate	47
Services and Miscellaneous	21
Government	68

Nonagricultural Employment.—Persons who worked during, or received pay for, any part of pay periods which include 12th of month, distributed by place of employment. Includes persons on paid sick leave, paid holiday, or paid vacation. Excluded are persons laid off, on strike, or on unpaid vacation during entire reporting period. Proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers also excluded. Government employment covers only civilian employees. Full-time teachers considered employed during the summer vacation period, whether or not paid in those months.

Estimating Method.—Total employment is estimated from the employment of establishments reporting for two consecutive months, as follows:

$$\underset{\text{(current month)}}{\text{Total Employment}} = \underset{\text{(previous month)}}{\text{Total Employment}} \times \frac{\text{Sample Employment (current month)}}{\text{Sample Employment (previous month)}}$$

Benchmark Data.—Employment estimates compared annually with complete count of employment, by industry. Where revisions necessary, monthly estimates adjusted to new benchmark. Following revisions to new benchmark, industry data projected forward to current month by use of sample trends. Basic source of benchmark information is tabulations of employment data, by industry and area, compiled from contribution reports of employers covered under Ohio Unemployment Compensation Law.

Hours and Earnings

Method of Computing Averages.—Average hours computed by dividing total production worker hours worked during one week (the seven-day periods which include 12th of month) by number of production workers reported for such week. Average hourly earnings computed by dividing total production worker payroll for one week by total production worker hours for week. Average weekly earnings derived by multiplying average hourly earnings by average weekly hours.

Definitions.—Definitions of production or similar workers, payroll, and hours—from which average hours and earnings data are derived—follow:

Production Workers.—Includes working supervisors and all nonsupervisory workers (including group leaders and trainees) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping, maintenance, repair, janitorial and guard services, product development, auxiliary production for plant's own use (such as power plant), and record keeping and other services closely associated with production operations.

Nonsupervisory Workers.—Includes employees (not above working supervisory level) such as office and clerical workers, repairers, salespersons, operators, drivers, attendants, service employees, line installers, laborers, accountants, janitors, guards, and other employees whose services are closely associated with those of occupations listed.

Payroll.—Represents payroll for full- and part-time production, construction, or nonsupervisory workers who received pay for any part of pay periods which include 12th of month. Payroll is reported before deductions for social security, group insurance, withholding tax, bonds, and union dues; also includes pay for overtime, holidays, vacations, and sick leave paid directly by the firm. Bonuses (unless earned and paid regularly each pay period), tips, pay not earned in pay period reported (such as retroactive pay), and value of free rent, fuel, meals, or other payments in kind, excluded.

Hours.—Represents hours worked or paid for, during pay periods which include 12th of month, for production, construction, or nonsupervisory workers. Hours include time paid for holidays and vacations, and for sick leave when pay received directly from firm.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

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Ohio Labor Market Information
BUREAU OF EMPLOYMENT SERVICES
JOB SERVICE OF OHIO
RICHARD F. CELESTE, *Governor*
DR. ROBERTA STEINBACHER, *Administrator*

EMPLOYMENT, HOURS, AND EARNINGS IN OHIO
MARCH 1984

Summary: The seasonally adjusted unemployment rate for Ohio jumped from 9.3 percent of the civilian labor force in February to 10.2 percent in March. The unadjusted rate rose by half a percentage point, to 10.6 percent, reflecting an increase of 26,000 in the estimated number of jobless workers, to 525,000 in March. Total employment slipped moderately. Nonfarm wage and salary employment advanced .6 percent, to 4,120,000, with greatest gains occurring in the nonmanufacturing sector. Overtime lengthened the factory workweek, boosting earnings to a new high.

Factory Employment: Employment in Ohio's factories rose .4 percent from February, to 1,113,000 in March. Small-to-moderate gains were reported for most industries, with the bulk of the advance occurring among durable-goods producers. Increased orders led to higher employment in primary metals and nonelectrical machinery. Although small gains were common in motor vehicles, a layoff at one plant resulted in a net loss for the industry.

Nonmanufacturing Employment: Ohio's nonmanufacturing establishments employed 3,007,000 workers in March, up .7 percent from February. Increased outdoor activity was mainly responsible for gains in construction, amusement services, and eating and drinking places. Automobile dealers and building materials and garden supply stores also reported seasonal hiring. Business and accounting services expanded as income tax deadlines approached.

Hours and Earnings: The average workweek for production workers in Ohio factories rose .2 hours, to 42.6 hours in March. Although the gain was moderate, it reversed the pattern of declines over the two prior months. Average weekly earnings rose $5.50, to a record high of $464.77. Increased overtime boosted the workweek of auto workers to 46.2 hours--highest since December 1978. Overtime hours rebounded following last month's cutbacks in meat processing and petroleum refining. Stepped-up overtime was also mainly responsible for higher averages in nonferrous rolling and drawing, and in the manufacture of aircraft parts and converted paper products.

Over the Year: From March 1983 to March 1984, Ohio's unemployment rate fell from 13.7 to 10.6 percent, as the number of jobless workers dropped by 161,000. Total employment gained 2.0 percent, while the nonfarm payroll figure rose 3.1 percent. Although factory employment is still 288,000 below its 1979 peak, most industries registered improvement over March 1983. The largest numbers of workers were recalled in motor vehicles, fabricated metals, rubber and plastics products, and primary metals. Greatest gains in nonmanufacturing occurred in services (particularly health services) and in retailing. Weekly earnings of factory production workers jumped $40 over the year. The average workweek was lengthened by 1.8 hours.

For additional information, write DIXIE SOMMERS, *Director*
Labor Market Information Division, BUREAU OF EMPLOYMENT SERVICES, COLUMBUS 43215

EMPLOYMENT, HOURS, AND EARNINGS IN MAJOR METROPOLITAN AREAS

Akron.--Nonfarm wage and salary employment in Akron totaled 246,500 in March, up 1,100 from the previous month. The gain was concentrated in nonmanufacturing, due to seasonal increases in retailing, construction, and university employment. Manufacturing totaled 66,800 for March, up 300 from February. Production workers in factories averaged $10.84 per hour--up 9¢ for the month--for a workweek unchanged at 43.9 hours.

Canton.--Wage and salary employment in Canton's nonagricultural industries rose 800 from February, to 144,600 in March. Improvement in nondurable goods lifted manufacturing by 300, to 45,200. Mixed seasonal patterns netted an increase in nonmanufacturing. Production workers in factories grossed $10.91 per hour for a workweek of 40.9 hours, little changed from February averages.

Cincinnati.--Nonfarm wage and salary employment in the Cincinnati area totaled 576,300 in March, 4,100 above the February level. The seasonal rebound in construction, retail trade, and services was responsible for most of the gain. Factory employment advanced to 143,600, an increase of 400 from March, due to widespread gains in nondurable goods. Production workers in manufacturing industries averaged 41.7 hours per week, up .2 hours from February. Their average earnings rose slightly to $10.39 per hour.

Cleveland.--Cleveland's nonagricultural payroll employment rose 3,600 from February, to 821,100 in March. Nonmanufacturing accounted for over three-fourths of the gain, with seasonal advances in services, retail trade, and construction. Manufacturing workers numbered 211,900, up 700 from the previous month, due to increases in both durable and nondurable goods production. Factory production workers averaged 42.3 hours per week at $10.78 per hour, up slightly from February.

Columbus.--Nonfarm payroll employment in Columbus advanced by 2,900, to 508,800 in March. Widespread gains among nonmanufacturing industries--notably services and retail trade--accounted for the increase. Losses in nondurable-goods industries offset gains in durable goods, holding total manufacturing on a par with February, at 87,000. Hourly earnings of factory production workers were unchanged from February, at $10.23. The workweek was fractionally higher, at 40.5 hours.

Dayton.--Dayton's nonfarm establishments employed 341,300 wage and salary workers in March, up 1,500 from February. Manufacturing expanded by 400, to 91,300. A seasonal pickup in services, retail trade, and construction lifted nonmanufacturing for the month. Production workers in factories grossed $11.10 per hour, up 6¢ from February. Their workweek in March was unchanged from the previous month, at 42.8 hours.

Toledo.--Nonagricultural industries in the Toledo area employed 287,700 workers in March, up 1,300 from the previous month. The advance occurred in nonmanufacturing, due to seasonal hiring in services, construction, and retailing. Losses in nondurable goods offset gains in durable goods for little change in manufacturing, at 75,600 for the month. The workweek and hourly earnings for the average factory production worker gained .2 hours and 4¢, respectively, to 43.7 hours and $11.52 per hour.

Youngstown-Warren.--Nonfarm payroll employment in the Youngstown-Warren area rose 600 from February, to 179,000 in March. Declines in durable goods lowered manufacturing to 55,300, down 300 from the previous month. Seasonal gains in services and retail trade lifted nonmanufacturing for the overall increase. Production workers in factories averaged $13.12 per hour for a workweek of 45.1 hours in March, up 46¢ and 1.3 hours from February.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 4-19-84

EMPLOYMENT IN MAJOR METROPOLITAN AREAS[a]

Year and Month	Akron[b]	Canton[c]	Cincinnati[d]	Cleveland[e]	Columbus[f]	Dayton[g]	Toledo[h]	Youngstown-Warren[j]
	NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT (in thousands)							
1973	255.1	147.9	534.5	865.2	451.0	335.6	285.8	211.6
1974	259.0	152.1	542.2	879.2	457.6	334.9	285.6	213.5
1975	248.4	145.0	531.2	850.6	445.4	321.4	275.5	200.7
1976	247.3	145.9	541.9	860.0	456.1	331.5	282.6	203.5
1977	259.3	149.8	562.1	880.9	471.6	343.1	292.1	208.0
1978	266.6	156.1	591.2	905.8	493.8	358.5	302.1	210.3
1979	270.9	160.7	607.4	919.8	507.3	364.9	306.0	213.9
1980	262.4	157.1	600.6	895.6	509.8	355.7	293.1	203.1
1981	259.6	156.6	592.2	880.7	506.6	352.5	290.9	198.7
1982	248.8	148.6	575.3	844.6	495.1	336.3	281.9	180.6
1983	245.0	143.6	573.7	826.0	500.0	335.4	281.0	177.6
1983								
March ...	239.8	140.4	563.2	812.4	488.3	330.4	271.9	174.1
April ...	242.5	141.9	570.6	818.0	495.0	332.4	276.2	176.4
May	246.0	143.8	575.3	825.5	499.7	334.8	281.8	178.7
June	242.9	144.9	578.8	838.5	503.8	337.4	281.1	179.4
July	245.4	144.5	573.0	832.8	498.0	331.4	277.6	178.9
August ..	244.3	143.9	571.8	825.5	496.3	331.4	277.5	177.3
September	251.3	146.1	580.8	834.9	504.9	340.7	287.3	182.3
October .	250.3	145.9	584.0	835.5	512.6	342.1	289.6	181.3
November.	251.4	146.7	585.5	835.7	514.7	343.9	291.1	182.0
December.	250.9	146.7	583.8	837.9	515.7	344.3	291.1	182.0
1984								
January .	243.2	143.3	573.1	819.0	503.8	339.3	284.3	178.4
February.	243.2	143.3	573.1	819.0	503.8	339.3	284.3	178.4
March ...	246.5	144.6	576.3	821.1	508.8	341.3	287.7	179.0
	MANUFACTURING EMPLOYMENT (in thousands)							
1973	94.0	61.7	165.5	288.1	106.0	117.7	93.4	93.0
1974	94.2	62.2	166.6	287.1	104.3	113.1	89.8	92.0
1975	84.5	55.3	153.9	260.3	93.1	100.1	80.7	80.8
1976	80.3	54.8	155.6	265.1	94.2	104.0	84.8	80.6
1977	85.6	56.0	161.1	270.8	98.9	109.2	88.2	81.1
1978	85.9	57.1	169.2	275.6	101.2	112.0	90.5	79.4
1979	85.6	59.1	173.1	276.3	101.1	109.5	88.6	79.9
1980	79.1	55.7	162.4	254.9	96.8	99.4	75.4	70.8
1981	75.7	54.8	157.3	246.8	93.1	97.8	74.6	67.3
1982	68.3	47.6	146.3	223.0	85.9	87.6	69.0	52.9
1983	65.1	43.6	140.7	207.6	84.0	86.2	69.1	53.0
1983								
March ...	64.1	42.5	138.3	205.5	82.2	83.8	63.2	52.1
April ...	64.7	42.5	139.7	205.1	82.8	84.5	65.8	52.6
May	64.7	43.3	139.0	206.1	83.2	85.3	67.8	52.9
June	65.0	44.4	140.5	207.8	83.5	86.0	68.8	53.3
July	65.5	44.3	140.0	206.2	83.5	85.2	68.9	53.9
August ..	65.6	44.1	141.8	206.5	84.3	86.1	70.0	53.1
September	66.0	44.6	141.4	209.9	85.3	88.6	72.7	55.2
October .	66.1	44.2	144.2	210.9	86.6	88.7	73.2	54.9
November.	66.4	44.8	144.8	211.6	86.8	89.8	73.9	55.2
December.	66.2	44.9	141.7	212.1	86.2	90.2	74.0	55.6
1984								
January .	66.1	44.7	143.2	211.6	86.2	90.4	74.6	55.8
February.	66.1	44.7	143.2	211.6	86.2	90.4	74.6	55.8
March ...	66.8	45.2	143.6	211.9	87.0	91.3	75.6	55.3

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. [b] Akron includes Portage and Summit Counties. [c] Canton includes Carroll and Stark Counties. [d] Cincinnati includes Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. [e] Cleveland includes Cuyahoga, Geauga, Lake, and Medina Counties. [f] Columbus includes Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. [g] Dayton includes Greene, Miami, Montgomery, and Preble Counties. [h] Toledo includes Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. [j] Youngstown—Warren includes Mahoning and Trumbull Counties.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

MANUFACTURING PRODUCTION WORKERS AND AVERAGE WEEKLY HOURS IN MAJOR METROPOLITAN AREAS[a]

Year and Month	Akron[b]	Canton[c]	Cincinnati[d]	Cleveland[e]	Columbus[f]	Dayton[g]	Toledo[h]	Youngstown-Warren[j]
	MANUFACTURING PRODUCTION WORKERS (in thousands)							
1973	55.5	46.3	115.2	200.4	74.1	85.0	66.5	75.6
1974	56.1	46.9	115.3	199.5	71.2	79.5	63.1	74.2
1975	48.4	40.5	106.3	176.0	64.2	70.9	55.1	63.3
1976	44.5	40.4	107.8	180.9	65.4	73.4	59.3	63.3
1977	49.2	41.1	110.7	184.0	68.6	75.7	62.8	63.6
1978	49.4	42.2	116.4	188.0	70.1	77.5	64.1	62.5
1979	53.8	43.2	117.0	188.6	69.1	74.4	61.7	62.5
1980	47.5	40.1	106.6	169.2	64.6	65.5	49.6	54.1
1981	43.7	39.6	103.5	161.8	61.3	64.4	49.2	50.8
1982	36.9	33.3	95.5	141.8	55.1	55.6	45.2	38.1
1983	35.6	30.8	92.2	132.1	54.2	54.9	47.2	39.3
1983								
March ...	34.6	29.7	89.8	129.4	52.4	52.9	40.7	38.0
April ...	35.2	29.7	90.9	129.6	53.2	53.5	43.7	38.6
May	35.3	30.4	90.5	130.8	53.5	54.2	45.7	39.0
June	35.4	31.4	91.7	132.2	53.9	54.7	46.9	39.5
July	35.8	31.3	91.4	130.4	53.8	53.7	47.0	40.2
August ..	36.1	31.2	93.4	131.2	54.5	54.4	48.3	39.4
September	36.4	31.6	93.1	134.8	55.5	57.0	50.9	41.7
October .	36.5	31.4	95.9	135.8	56.7	57.4	51.6	41.5
November.	37.0	31.9	96.8	136.7	56.8	58.3	52.5	41.8
December.	36.8	32.1	93.8	137.0	56.6	58.7	52.7	42.2
1984								
January .	36.8	31.7	95.4	136.5	56.8	58.8	53.3	42.3
February.	36.8	31.7	95.4	136.5	56.8	58.8	53.3	42.3
March ...	37.2	32.0	95.8	137.0	57.3	59.6	54.3	41.9
	MANUFACTURING PRODUCTION WORKERS' AVERAGE WEEKLY HOURS							
1973	43.0	41.0	42.2	43.2	40.8	43.3	43.1	42.9
1974	42.3	40.1	41.4	42.1	39.7	41.0	41.2	40.7
1975	41.1	39.4	40.8	40.4	39.6	41.3	40.4	38.6
1976	42.1	39.6	41.1	41.9	40.1	43.2	41.5	39.5
1977	42.3	39.7	41.6	42.8	40.3	43.5	42.7	40.4
1978	42.3	40.3	42.1	42.9	40.4	42.8	42.4	41.4
1979	41.6	40.9	41.5	42.2	40.1	42.1	40.9	40.7
1980	41.5	39.0	41.2	40.6	39.5	41.5	40.6	39.9
1981	41.8	40.0	41.1	41.1	40.0	41.4	40.9	40.8
1982	41.0	38.6	40.5	39.9	39.8	40.0	41.1	39.3
1983	43.1	39.6	41.1	40.9	40.7	41.9	42.9	42.1
1983								
March ...	43.3	39.1	40.8	40.1	40.4	40.8	42.0	41.1
April ...	42.5	39.5	40.8	40.4	40.2	41.1	42.5	41.3
May	42.6	38.9	40.8	40.6	40.3	41.1	42.7	42.4
June	42.3	39.8	41.3	41.3	40.8	42.0	42.2	41.4
July	42.4	38.8	40.9	40.6	40.5	42.1	41.9	42.7
August ..	42.9	39.2	40.8	41.0	40.5	42.1	42.6	41.3
September	43.5	40.8	41.3	41.7	40.8	43.0	43.9	42.4
October .	43.2	40.2	41.3	41.5	41.0	42.7	43.9	43.9
November.	44.0	40.7	42.0	41.8	41.6	42.8	44.5	43.6
December.	45.5	40.8	42.4	42.3	42.3	43.9	44.5	43.2
1984								
January .	43.9	40.4	41.7	41.9	41.2	43.2	43.1	44.7
February.	43.9	41.0	41.5	42.2	40.4	42.8	43.5	43.8
March ...	43.9	40.9	41.7	42.3	40.5	42.8	43.7	45.1

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. [b] Akron includes Portage and Summit Counties. [c] Canton includes Carroll and Stark Counties. [d] Cincinnati includes Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. [e] Cleveland includes Cuyahoga, Geauga, Lake, and Medina Counties. [f] Columbus includes Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. [g] Dayton includes Greene, Miami, Montgomery, and Preble Counties. [h] Toledo includes Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. [j] Youngstown-Warren includes Mahoning and Trumbull Counties. [k] Not comparable to prior data due to change in sample composition.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

EARNINGS IN MAJOR METROPOLITAN AREAS[a]

Year and Month	Akron[b]	Canton[c]	Cincinnati[d]	Cleveland[e]	Columbus[f]	Dayton[g]	Toledo[h]	Youngstown-Warren[j]
	MANUFACTURING PRODUCTION WORKERS' AVERAGE HOURLY EARNINGS							
1973	$ 4.99	$ 4.80	$ 4.44	$ 4.93	$ 4.36	$ 5.00	$ 5.01	$ 5.29
1974	5.28	5.24	4.82	5.21	4.73	5.29	5.39	5.80
1975	5.66	5.64	5.19	5.63	5.18	5.73	5.80	6.39
1976	6.02	6.18	5.65	6.22	5.64	6.28	6.32	7.02
1977	6.75	6.88	6.27	6.84	6.08	6.92	7.00	7.76
1978	7.19	7.56	6.81	7.50	6.55	7.38	7.53	8.54
1979	7.73	8.09	7.31	9.00	7.05	8.00	8.14	9.27
1980	8.72	8.79	8.06	8.63	7.73	8.65	8.90	10.27
1981	9.50	9.76	8.78	9.62	8.67	9.61	9.93	11.62
1982	9.89	10.22	9.57	10.10	9.31	10.02	10.89	11.72
1983	10.49	10.66	10.11	10.45	9.97	10.61	11.28	12.38
1983								
March ...	10.34	10.41	10.01	10.25	9.76	10.31	10.99	12.21
April ...	10.24	10.39	10.06	10.31	9.87	10.35	11.14	12.22
May	10.35	10.53	10.10	10.42	9.90	10.47	11.29	12.45
June	10.34	10.63	10.11	10.49	10.01	10.56	11.14	12.33
July	10.35	10.59	10.12	10.43	10.04	10.72	11.16	12.54
August ..	10.40	10.75	10.18	10.42	9.95	10.59	11.25	12.25
September	10.61	10.84	10.10	10.57	10.06	10.80	11.40	12.40
October .	10.82	10.78	10.23	10.55	10.11	10.86	11.43	12.58
November.	10.85	10.84	10.34	10.62	10.14	10.91	11.57	12.54
December.	11.01	10.88	10.29	10.68	10.35	11.11	11.57	12.68
1984								
January .	10.77	10.85	10.39	10.70	10.33	11.07	11.42	12.89
February.	10.75	10.91	10.37	10.76	10.23	11.04	11.48	12.66
March ...	10.84	10.91	10.39	10.78	10.23	11.10	11.52	13.12
	MANUFACTURING PRODUCTION WORKERS' AVERAGE WEEKLY EARNINGS							
1973	$214.57	$196.80	$187.37	$208.66	$177.89	$216.50	$215.93	$226.94
1974	223.34	210.12	199.55	219.34	187.78	216.89	222.07	236.06
1975	232.63	222.22	211.75	227.45	205.19	236.65	234.32	246.65
1976	253.44	244.73	232.22	260.62	226.16	271.30	262.28	277.29
1977	285.53	273.14	260.83	292.75	245.02	301.02	298.90	313.50
1978	304.14	304.67	286.70	321.75	264.62	315.86	319.27	353.56
1979	321.57	330.88	303.37	337.60	282.71	336.80	332.93	377.29
1980	361.88	342.81	332.07	350.38	305.34	358.98	361.34	409.77
1981	397.10	390.40	360.86	395.38	346.80	397.85	406.14	474.10
1982	403.03	394.49	387.59	402.99	370.54	400.80	447.58	460.60
1983	452.12	422.14	415.52	427.41	405.78	444.56	483.91	521.20
1983								
March ...	447.72	407.03	408.41	411.03	394.30	420.65	461.58	501.83
April ...	435.20	410.41	410.45	416.52	396.77	425.39	473.45	504.69
May	440.91	409.62	412.08	423.05	398.97	430.32	482.08	527.88
June	437.38	423.07	417.54	433.24	408.41	443.52	470.11	510.46
July	438.84	410.89	413.91	423.46	406.62	451.31	467.60	595.46
August ..	446.16	421.40	415.34	427.22	402.98	445.42	479.25	505.99
September	461.54	442.27	417.13	440.77	410.45	464.40	500.46	525.76
October .	467.42	433.36	422.50	437.83	414.51	463.72	501.78	552.26
November.	477.40	441.19	434.28	443.92	421.82	466.95	514.87	546.74
December.	500.96	443.90	436.30	451.76	437.81	487.73	514.87	547.78
1984								
January .	472.80	438.34	433.26	448.33	425.60	478.22	492.20	576.18
February.	471.93	447.31	430.36	454.07	413.29	472.51	499.38	554.51
March ...	475.88	446.22	433.26	455.99	414.32	475.08	503.42	591.71

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. [b] Akron includes Portage and Summit Counties. [c] Canton includes Carroll and Stark Counties. [d] Cincinnati includes Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. [e] Cleveland includes Cuyahoga, Geauga, Lake, and Medina Counties. [f] Columbus includes Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. [g] Dayton includes Greene, Miami, Montgomery, and Preble Counties. [h] Toledo includes Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. [j] Youngstown-Warren includes Mahoning and Trumbull Counties.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

CIVILIAN LABOR FORCE ESTIMATES FOR MAJOR METROPOLITAN AREAS[a]
(In thousands)

Year and Month	Civilian Labor Force	Total Employed	Unemployed		Year and Month	Civilian Labor Force	Total Employed	Unemployed	
			Total Unemployed	Unemployment Rate				Total Unemployed	Unemployment Rate
AKRON[b]					CANTON[c]				
1973	287.1	274.9	12.2	4.3	1973	171.2	163.1	8.1	4.7
1974	290.8	277.7	13.0	4.5	1974	175.6	167.5	8.1	4.6
1975	292.0	264.3	27.7	9.5	1975	174.7	158.0	16.7	9.6
1976	291.3	266.3	25.0	8.6	1976	174.4	158.6	15.8	9.1
1977	294.2	274.7	19.5	6.6	1977	175.9	163.1	12.9	7.3
1978	298.9	282.2	16.7	5.6	1978	179.9	170.0	9.9	5.5
1979	303.8	285.4	18.4	6.1	1979	184.3	173.7	10.6	5.7
1980	304.5	278.3	26.2	8.6	1980	187.7	170.9	16.8	8.9
1981	304.1	274.9	29.1	9.6	1981	188.4	170.1	18.2	9.7
1982	305.8	269.4	36.4	11.9	1982	192.5	165.1	27.4	14.3
1983	304.4	267.0	37.4	12.3	1983	188.4	160.7	27.6	14.7
1983					1983				
February ...	293.2	250.8	42.3	14.4	February ..	183.2	150.7	32.4	17.7
March	297.5	257.2	40.3	13.5	March	186.0	155.0	31.0	16.7
April	302.4	263.4	39.0	12.9	April	188.0	158.3	29.8	15.8
May	307.6	267.7	40.0	13.0	May	191.0	160.7	30.3	15.8
June	307.6	268.8	38.8	12.6	June	192.7	163.9	28.7	14.9
July	313.6	279.8	33.8	10.8	July	193.1	168.9	24.2	12.5
August	309.1	276.9	32.2	10.4	August	191.0	167.0	24.0	12.6
September ..	305.1	271.4	33.7	11.1	September .	186.6	162.2	24.3	13.0
October	308.4	274.5	33.8	11.0	October ...	189.2	164.6	24.6	13.0
November ...	309.7	274.2	35.5	11.5	November ..	189.5	164.4	25.1	13.2
December ...	304.9	270.4	34.6	11.3	December ..	186.0	162.4	23.6	12.7
1984					1984				
January	297.5	264.3	33.2	11.2	January ...	182.3	159.8	22.5	12.3
February[p] ..	298.5	263.7	34.7	11.6	February[p] .	180.9	159.0	21.8	12.1
CINCINNATI[d]					CLEVELAND[e]				
1973	572.0	543.0	29.0	5.1	1973	883.9	849.0	34.9	3.9
1974	595.3	569.8	25.5	4.3	1974	899.1	861.4	37.7	4.2
1975	595.3	551.6	43.6	7.3	1975	896.9	826.3	70.6	7.9
1976	604.8	566.6	38.2	6.3	1976	897.7	834.4	63.3	7.0
1977	623.4	588.7	34.7	5.6	1977	908.5	854.4	54.0	5.9
1978	648.3	615.8	32.5	5.0	1978	921.7	878.5	43.2	4.7
1979	663.4	628.1	35.3	5.3	1979	935.8	889.1	46.7	5.0
1980	676.2	628.6	47.5	7.0	1980	937.1	869.1	68.0	7.3
1981	678.5	619.3	59.1	8.7	1981	933.9	854.0	79.8	8.5
1982	682.0	610.4	71.6	10.5	1982	933.7	833.8	100.0	10.7
1983	681.6	611.5	70.2	10.3	1983	930.7	824.7	105.9	11.4
1983					1983 ...				
February ...	655.9	577.2	78.7	12.0	February ..	896.8	780.5	116.3	13.0
March	667.8	590.2	77.6	11.6	March	915.6	800.5	115.1	12.6
April	674.9	604.1	70.8	10.5	April	923.4	813.9	109.5	11.9
May	683.3	609.9	73.4	10.7	May	935.9	822.2	113.8	12.2
June	694.4	620.1	74.3	10.7	June	962.0	845.0	117.0	12.2
July	697.9	632.7	65.2	9.3	July	966.5	867.1	99.3	10.3
August	693.0	629.8	63.2	9.1	August	955.0	857.0	98.0	10.3
September ..	683.3	616.6	66.7	9.8	September .	925.8	826.4	99.4	10.7
October	689.6	627.2	62.4	9.0	October ...	936.6	840.1	96.6	10.3
November ...	693.6	628.0	65.6	9.5	November ..	935.3	836.6	98.7	10.6
December ...	684.5	621.8	62.7	9.2	December ..	917.5	828.3	89.3	9.7
1984					1984				
January	679.0	616.0	62.9	9.3	January ...	899.5	815.9	83.7	9.3
February[p] ..	669.5	610.8	58.7	8.8	February[p] .	889.1	808.4	80.8	9.1

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[a] Estimated in cooperation with U.S. Department of Labor. Data not seasonally adjusted. Subtotals may not add to totals due to rounding. Rates computed from unrounded figures. [b] Defined as Portage and Summit Counties. [c] Defined as Carroll and Stark Counties. [d] Defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; and Boone, Campbell, and Kenton Counties, Kentucky. [e] Defined as Cuyahoga, Geauga, Lake, and Medina Counties.
[p] Preliminary.

CIVILIAN LABOR FORCE ESTIMATES FOR MAJOR METROPOLITAN AREAS[a]

(In thousands)

Year and Month	Civilian Labor Force	Total Employed	Unemployed		Year and Month	Civilian Labor Force	Total Employed	Unemployed	
			Total Unemployed	Unemployment Rate				Total Unemployed	Unemployment Rate
COLUMBUS[f]					DAYTON[g]				
1973	485.5	468.3	17.1	3.5	1973	358.0	343.5	14.5	4.1
1974	495.4	475.5	19.9	4.0	1974	359.5	342.5	17.0	4.7
1975	495.0	458.6	36.5	7.4	1975	357.6	327.7	29.9	8.4
1976	503.6	468.5	35.1	7.0	1976	360.5	336.3	24.2	6.7
1977	513.4	483.3	30.1	5.9	1977	368.6	348.3	20.3	5.5
1978	531.4	506.5	24.9	4.7	1978	381.1	363.7	17.3	4.6
1979	543.0	517.1	25.8	4.8	1979	392.2	367.9	24.2	6.2
1980	554.7	523.4	31.4	5.7	1980	390.2	361.0	29.2	7.5
1981	562.4	519.1	43.3	7.7	1981	390.8	357.9	32.8	8.4
1982	568.8	518.0	50.8	8.9	1982	391.1	347.0	44.2	11.3
1983	579.1	527.4	51.7	8.9	1983	390.6	350.7	39.9	10.2
1983					1983				
February ...	548.1	494.3	53.8	9.8	February ..	377.5	331.3	46.2	12.2
March	561.7	508.1	53.6	9.5	March	385.1	341.0	44.1	11.5
April	572.6	520.1	52.5	9.2	April	388.6	346.5	42.0	10.8
May	580.0	526.2	53.7	9.3	May	391.3	349.9	41.4	10.6
June	594.3	537.2	57.1	9.6	June	400.1	356.8	43.2	10.8
July	599.8	549.2	50.7	8.4	July	400.0	362.6	37.4	9.4
August	591.8	544.6	47.2	8.0	August	396.5	359.4	37.1	9.3
September ..	577.9	528.9	49.0	8.5	September .	389.5	353.7	35.7	9.2
October	594.3	545.1	49.2	8.3	October ...	395.4	360.8	34.7	8.8
November ...	594.7	544.2	50.5	8.5	November ..	396.8	360.3	36.5	9.2
December ...	585.3	537.9	47.4	8.1	December ..	388.0	355.5	32.5	8.4
1984					1984				
January	575.1	529.6	45.4	7.9	January ...	385.5	353.0	32.5	8.4
February[p] ..	568.9	525.7	43.2	7.6	February[p] .	383.4	350.0	33.4	8.7
TOLEDO[h]					YOUNGSTOWN—WARREN[i]				
1973	339.8	324.2	15.6	4.6	1973	232.5	221.8	10.8	4.6
1974	343.8	324.2	19.7	5.7	1974	236.7	223.7	13.0	5.5
1975	344.8	310.2	34.6	10.0	1975	236.7	209.8	26.9	11.4
1976	347.8	319.4	28.4	8.2	1976	234.2	210.5	23.7	10.1
1977	355.0	329.4	25.6	7.2	1977	234.0	215.0	19.0	8.1
1978	362.1	339.7	22.4	6.2	1978	235.2	217.5	17.7	7.5
1979	368.2	341.7	26.4	7.2	1979	237.1	219.9	17.1	7.2
1980	368.2	329.8	38.4	10.4	1980	238.9	210.5	28.4	11.9
1981	367.4	328.0	39.4	10.7	1981	234.0	205.7	28.2	12.1
1982	368.7	322.7	46.1	12.5	1982	237.7	191.5	46.2	19.4
1983	375.1	327.9	47.1	12.6	1983	227.3	189.6	37.8	16.6
1983					1983				
February ...	360.3	306.6	53.7	14.9	February ..	219.7	174.8	44.9	20.5
March	366.0	311.0	55.0	15.0	March	224.7	183.1	41.6	18.5
April	368.7	320.7	47.9	13.0	April	226.8	187.5	39.3	17.3
May	379.0	328.3	50.7	13.4	May	230.7	190.3	40.4	17.5
June	381.1	332.5	48.6	12.8	June	233.8	193.5	40.3	17.2
July	383.8	339.3	44.5	11.6	July	233.4	199.5	33.9	14.5
August	381.5	337.3	44.2	11.6	August	232.6	196.2	36.4	15.6
September ..	377.7	334.7	43.0	11.4	September ..	226.7	193.1	33.6	14.8
October	382.5	340.7	41.8	10.9	October ...	227.0	195.5	31.5	13.9
November ...	383.8	339.9	43.9	11.4	November ..	227.9	195.2	32.7	14.4
December ...	376.8	337.0	39.8	10.6	December ..	222.4	192.2	30.2	13.6
1984					1984				
January[p]....	367.6	328.5	39.0	10.6	January ...	218.3	189.7	28.6	13.1
February ..	INA	INA	INA	INA	February[p] .	214.9	188.5	26.4	12.3

[a] Estimated in cooperation with U.S. Department of Labor. Data not seasonally adjusted. Subtotals may not add to totals due to rounding. Rates computed from unrounded figures. [f] Defined as Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. [g] Defined as Greene, Miami, Montgomery, and Preble Counties. [h] Defined as Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. [i] Defined as Mahoning and Trumbull Counties. [p] Preliminary. INA—Information not available.

CIVILIAN LABOR FORCE ESTIMATES[a]
(not seasonally adjusted)

Year and Month	OHIO (in thousands)			Unemployment Rate	
	Civilian Labor Force	Total Employed	Total Unemployed	OHIO	U.S.
1973	4,621	4,423	198	4.3	4.9
1974	4,708	4,483	225	4.8	5.6
1975	4,721	4,292	429	9.1	8.5
1976	4,749	4,378	370	7.8	7.7
1977	4,830	4,518	312	6.5	7.1
1978	4,956	4,688	268	5.4	6.1
1979	5,056	4,758	298	5.9	5.8
1980	5,088	4,661	427	8.4	7.1
1981	5,098	4,606	492	9.6	7.6
1982	5,114	4,474	640	12.5	9.7
1983	5,110	4,488	622	12.2	9.6
1983					
March ...	5,015	4,329	686	13.7	10.8
April ...	5,076	4,425	651	12.8	10.0
May	5,153	4,491	663	12.9	9.8
June	5,253	4,583	670	12.8	10.2
July	5,287	4,710	577	10.9	9.4
August ..	5,229	4,666	563	10.8	9.2
September	5,108	4,541	567	11.1	8.8
October .	5,159	4,611	548	10.6	9.4
November.	5,146	4,582	564	11.0	8.1
December.	5,040	4,513	528	10.5	8.0
1983					
January .	4,964	4,452	512	10.3	8.8
February.	4,925	4,426	499	10.1	8.4
March ...	4,940	4,415	525	10.6	8.1

OHIO NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT[a]
(in thousands)

Year and Month	Total Nonagricultural	Manufacturing	Nonmanufacturing
1973	4,112.9	1,426.3	2,686.5
1974	4,169.4	1,416.6	2,752.8
1975	4,016.2	1,267.5	2,748.7
1976	4,094.5	1,295.3	2,799.3
1977	4,230.1	1,344.1	2,885.9
1978	4,394.8	1,377.2	3,017.6
1979	4,484.7	1,382.3	3,102.5
1980	4,367.4	1,264.3	3,103.0
1981	4,317.6	1,232.6	3,085.1
1982	4,124.2	1,099.9	3,024.4
1983	4,083.8	1,066.9	3,017.0
1983			
March ...	3,995.3	1,039.3	2,956.0
April ...	4,041.8	1,047.6	2,994.2
May	4,088.7	1,054.8	3,033.9
June	4,116.8	1,064.1	3,052.7
July	4,082.0	1,062.2	3,019.8
August ..	4,074.0	1,074.7	2,999.3
September	4,157.0	1,094.3	3,062.7
October .	4,170.0	1,099.1	3,070.9
November.	4,177.5	1,104.4	3,073.1
December.	4,176.1	1,101.9	3,074.2
1984			
January .	4,083.3	1,101.0	2,982.3
February.	4,083.3	1,101.0	2,982.3
March ...	4,119.8	1,112.8	3,007.0

OHIO NONMANUFACTURING WAGE AND SALARY EMPLOYMENT[a] (in thousands)

Year and Month	Mining	Construction	Transportation and Utilities	Wholesale Trade	Retail Trade	Finance, Insurance, Real Estate	Services	Government
1973	22.9	175.5	224.9	197.7	654.9	169.0	643.9	597.8
1974	24.2	172.3	227.8	205.7	668.1	171.9	669.7	613.1
1975	26.8	154.9	213.2	203.5	664.5	173.1	686.3	626.4
1976	28.2	154.2	213.7	208.4	682.4	177.0	703.2	632.2
1977	29.1	162.8	219.1	214.6	703.1	183.4	731.4	642.3
1978	29.0	176.6	225.0	226.0	730.4	191.1	772.1	667.5
1979	31.6	182.9	232.1	232.8	742.4	200.6	806.2	674.0
1980	30.7	167.4	223.1	230.6	726.6	203.8	830.9	689.9
1981	30.7	153.7	217.2	232.5	717.7	205.8	851.5	676.0
1982	30.3	134.6	206.8	226.0	703.4	206.4	857.3	659.6
1983	26.6	128.6	197.3	219.6	703.3	209.6	874.6	657.5
1983								
March ...	25.2	109.3	194.6	216.6	677.4	205.9	856.1	671.0
April ...	25.2	116.1	196.9	218.2	694.4	207.2	868.7	667.7
May	25.6	126.4	199.1	219.5	705.9	208.7	877.5	671.3
June	27.0	135.7	201.4	221.6	713.1	211.3	888.2	654.5
July	27.4	140.8	201.5	221.4	709.8	212.2	883.2	629.4
August ..	27.4	142.2	184.6	221.3	712.4	212.3	883.0	616.2
September	27.5	144.6	201.0	221.2	714.8	211.8	891.3	650.4
October .	27.5	145.0	200.7	221.5	709.6	211.5	888.8	666.3
November.	27.4	140.9	199.6	221.1	717.8	211.5	884.2	670.6
December.	27.1	130.9	200.2	221.3	730.4	212.1	880.7	671.5
1984								
January .	27.0	115.0	193.1	218.3	693.6	210.8	868.3	656.3
February.	27.0	115.0	193.1	218.3	693.6	210.8	868.3	656.3
March ...	27.1	114.7	193.7	218.8	686.6	210.7	882.2	671.2

[a] Estimated in cooperation with U.S. Department of Labor. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates and averages computed from unrounded figures. All data exclude military personnel.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

EMPLOYMENT, HOURS, AND EARNINGS IN MANUFACTURING IN OHIO[a]

Year and Month	Manufacturing Employment (in thousands)			Production Workers in Manufacturing		
	All Manufacturing	Durable Goods	Nondurable Goods	Production Workers (in thousands)	Aggregate Weekly Payroll (in millions)	Aggregate Weekly Hours (in millions)
1973	1,426.3	1,018.2	408.1	1,046.7	$210.8	44.3
1974	1,416.6	1,013.1	403.5	1,028.7	217.4	42.4
1975	1,267.5	892.4	375.1	897.8	201.5	36.2
1976	1,295.3	910.6	384.6	926.1	233.9	38.2
1977	1,344.1	945.2	398.9	958.0	271.2	40.2
1978	1,377.2	974.5	402.7	985.5	302.5	41.5
1979	1,382.3	980.5	401.8	979.0	318.5	40.6
1980	1,264.3	882.6	381.8	867.8	301.9	35.2
1981	1,232.6	860.4	372.2	847.7	330.4	34.7
1982	1,099.9	752.4	347.5	735.7	297.1	29.5
1983	1,066.9	723.6	343.3	721.7	315.7	29.9
1983						
March ...	1,039.3	703.2	336.1	692.5	293.8	28.3
April ...	1,047.6	710.1	337.4	702.1	301.8	28.9
May	1,054.8	716.2	338.6	709.8	306.6	29.2
June	1,064.1	721.8	342.3	718.2	314.4	29.8
July	1,062.2	720.2	341.9	715.9	309.7	29.4
August ..	1,074.7	728.4	346.3	729.3	316.1	30.0
September	1,094.3	740.8	353.5	749.0	335.5	31.5
October .	1,099.1	748.1	351.0	755.4	340.1	31.7
November.	1,104.4	752.9	351.4	761.9	348.7	32.4
December.	1,101.9	749.8	352.0	760.2	352.4	32.5
1984						
January .	1,101.0	750.4	350.5	758.6	349.5	32.2
February.	1,101.0	750.4	350.5	758.6	348.3	32.2
March ...	1,112.8	760.7	352.1	769.6	357.7	32.8

Year and Month	Production Workers Average Weekly Earnings			Production Workers Average Weekly Hours			Production Workers Average Hourly Earnings		
	Manufacturing	Durable Goods	Nondurable Goods	Manufacturing	Durable Goods	Nondurable Goods	Manufacturing	Durable Goods	Nondurable Goods
1973	$201.35	$207.95	$185.89	42.3	42.7	41.4	$4.76	$4.87	$4.49
1974	211.36	216.94	196.17	41.2	41.4	40.7	5.13	5.24	4.82
1975	224.47	228.90	211.85	40.3	40.3	40.2	5.57	5.68	5.27
1976	252.54	258.75	235.00	41.2	41.4	41.3	6.10	6.25	5.69
1977	283.08	292.02	258.34	42.0	42.2	41.4	6.74	6.92	6.24
1978	306.91	316.83	279.30	42.1	42.3	41.5	7.29	7.49	6.73
1979	325.36	335.30	297.98	41.5	41.6	41.1	7.84	8.06	7.25
1980	347.94	358.57	319.99	40.6	40.7	40.2	8.57	8.81	7.96
1981	389.78	401.64	358.16	40.9	40.9	40.7	9.53	9.82	8.80
1982	403.81	414.80	378.95	40.1	40.0	40.4	10.07	10.37	9.38
1983	437.18	452.35	402.52	41.4	41.5	41.2	10.56	10.90	9.77
1983									
March ...	424.32	437.38	393.01	40.8	40.8	40.6	10.40	10.72	9.68
April ...	429.91	444.14	397.96	41.1	41.2	40.9	10.46	10.78	9.73
May	431.96	447.69	397.80	41.1	41.3	40.8	10.51	10.84	9.75
June	437.83	452.61	402.11	41.5	41.6	41.2	10.55	10.88	9.76
July	432.55	445.67	403.60	41.0	41.0	41.1	10.55	10.87	9.82
August ..	433.42	445.52	403.50	41.2	41.1	41.3	10.52	10.84	9.77
September	447.94	463.52	410.62	42.1	42.1	41.9	10.64	11.01	9.80
October .	450.24	468.68	408.78	42.0	42.3	41.5	10.72	11.08	9.85
November.	457.73	475.68	413.97	42.5	42.7	41.9	10.77	11.14	9.88
December.	463.52	483.15	419.05	42.8	43.1	42.2	10.83	11.21	9.93
1984									
January .	460.70	479.52	418.05	42.5	42.7	42.1	10.84	11.23	9.93
February.	459.19	478.67	414.24	42.4	42.7	41.8	10.83	11.21	9.91
March ...	464.77	483.64	418.32	42.6	42.8	42.0	10.91	11.30	9.96

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

EMPLOYMENT AND AVERAGE WEEKLY EARNINGS IN SELECTED MAJOR MANUFACTURING INDUSTRIES IN OHIO[a]

Year and Month	Stone, Clay and Glass Products	Primary Metal Industries	Fabricated Metal Products	Machinery, Except Electrical	Electric & Electronic Equipment	Transportation Equipment	Food and Kindred Products	Printing and Publishing	Rubber and Plastics Products
	EMPLOYMENT (in thousands)								
1973	73.3	173.3	175.2	219.9	134.1	167.2	76.4	67.7	109.8
1974	72.2	172.4	172.7	227.7	131.4	162.5	76.0	67.9	107.0
1975	65.0	151.5	150.9	207.7	112.3	140.8	73.5	64.8	94.8
1976	66.3	154.6	157.9	205.9	115.5	143.0	73.8	64.5	98.2
1977	67.1	157.7	166.5	210.7	120.9	151.8	74.4	65.4	107.4
1978	69.3	157.5	173.3	216.7	122.2	164.1	74.6	66.6	107.4
1979	69.7	158.9	175.5	223.6	117.6	165.8	74.4	67.6	106.7
1980	64.5	139.8	157.6	211.4	106.4	139.1	72.7	67.4	92.7
1981	61.0	138.3	154.9	204.2	101.9	136.9	69.2	66.1	89.0
1982	54.2	112.7	134.9	176.7	93.4	121.7	66.9	63.2	80.4
1983	52.7	104.5	130.9	153.1	90.2	131.6	64.5	62.3	82.4
1983									
March ...	50.2	102.8	126.6	151.3	88.0	126.3	62.7	62.4	78.7
April ...	51.7	103.1	127.6	151.5	89.5	127.7	62.6	62.2	79.8
May	52.1	103.4	128.5	152.4	89.6	130.2	62.6	62.3	80.6
June	53.1	103.5	129.8	152.0	90.0	132.1	64.2	62.4	81.5
July	53.3	103.0	129.4	152.1	89.7	131.6	64.0	61.9	82.1
August ..	54.0	105.1	132.2	152.6	89.6	132.8	66.4	61.9	83.5
September	54.8	107.4	134.6	154.8	91.5	134.8	69.5	62.6	85.6
October .	54.9	108.0	136.5	154.5	92.4	138.8	66.4	62.6	86.4
November.	55.0	109.8	137.8	155.3	92.4	139.9	65.2	62.8	87.4
December	53.7	110.3	137.3	155.5	91.9	138.5	65.2	63.0	87.5
1984									
January .	52.9	110.6	137.7	156.6	91.8	138.4	64.5	62.8	87.9
February.	52.9	110.6	137.7	156.6	91.8	138.4	64.5	62.8	87.9
March ...	53.7	112.1	138.0	158.5	93.4	141.2	64.0	63.0	88.8
	AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS								
1973	$189.03	$228.72	$204.67	$208.80	$176.23	$241.01	$188.94	$203.06	$193.12
1974	194.21	246.03	213.62	219.05	184.61	244.91	204.89	211.14	199.92
1975	207.55	256.46	224.96	228.25	201.30	263.22	222.68	226.95	213.31
1976	232.40	294.58	256.68	253.31	221.54	302.87	242.92	252.20	237.30
1977	253.95	329.54	290.44	279.18	248.44	359.20	258.54	271.96	263.97
1978	274.81	366.24	307.23	306.16	268.45	389.66	281.15	285.18	282.73
1979	293.34	395.43	323.38	329.09	289.27	391.56	304.50	302.62	300.66
1980	315.43	422.01	349.34	352.77	316.31	414.83	329.85	320.92	323.61
1981	348.02	484.04	389.61	389.16	350.27	471.50	362.75	347.70	368.67
1982	376.88	480.54	398.77	392.63	366.56	506.99	386.04	358.45	381.11
1983	400.57	503.85	460.65	424.09	394.63	557.92	403.79	375.62	412.25
1983									
March ...	387.32	487.71	441.56	407.82	380.25	543.26	389.50	371.14	406.27
April ...	388.95	497.68	451.26	411.25	384.40	549.25	396.47	369.64	411.83
May	397.85	493.96	452.28	417.91	384.96	560.33	401.58	367.52	413.10
June	400.20	496.11	463.86	424.91	392.85	563.82	408.53	371.51	414.62
July	403.44	496.50	447.79	420.09	390.34	543.97	412.29	369.27	409.36
August ..	401.64	492.83	449.35	421.14	395.60	541.80	409.04	371.35	407.11
September	409.18	522.49	471.28	431.09	406.39	570.49	415.86	378.00	422.18
October .	412.17	514.18	479.45	436.31	408.04	581.73	396.89	384.94	425.87
November.	415.33	520.38	490.31	450.24	411.27	586.64	410.98	392.18	421.20
December.	421.16	525.79	505.52	463.54	415.17	588.60	420.30	393.97	422.61
1984									
January .	419.33	525.39	486.86	468.27	409.59	585.09	409.64	391.40	429.44
February.	417.08	540.99	485.57	468.07	420.51	565.46	411.04	391.30	423.96
March ...	420.16	540.58	483.48	466.95	413.17	599.73	417.21	390.25	427.39

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN OHIO[a]
MARCH 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	March 1984[b]	February 1984[c]	March 1983[c]	February 1984	March 1983
TOTAL	4119.8	4095.2	3995.3	.6	3.1
MANUFACTURING	1112.8	1108.2	1039.3	.4	7.1
Durable Goods[e]	760.7	756.9	703.2	.5	8.2
Lumber and wood products	15.0	14.8	12.7	1.3	17.8
Furniture and fixtures	14.1	14.2	12.9	- .6	10.0
Household furniture	6.6	6.7	6.0	- 1.5	10.3
Stone, clay, and glass products	53.7	53.4	50.2	.5	7.0
Glass and glassware, pressed or blown.	14.1	14.3	13.8	- 1.2	2.4
Structural clay products	4.3	4.1	4.3	5.7	.4
Pottery and related products	5.2	5.4	5.4	- 2.9	- 3.9
Primary metal industries	112.1	111.1	102.8	.9	9.1
Blast furnace and basic steel products	55.5	55.1	52.2	.7	6.4
Iron and steel foundries	22.5	22.4	19.8	.8	13.6
Nonferrous rolling and drawing	18.7	18.9	17.5	- .9	6.6
Nonferrous foundries	9.1	9.0	7.8	.9	17.1
Fabricated metal products	138.0	137.6	126.6	.3	9.0
Cutlery, hand tools, and hardware	11.4	11.2	10.8	1.8	5.9
Plumbing and heating, except electric.	4.8	4.8	4.0	.3	21.0
Fabricated structural metal products	28.5	28.5	28.2	.0	1.2
Screw machine products, bolts, etc.	8.7	8.7	8.2	- .6	5.8
Metal forgings and stampings	43.4	42.9	37.3	1.0	16.3
Machinery, except electrical	158.5	157.2	151.3	.8	4.8
Construction and related machinery	15.6	15.5	16.5	.5	- 5.6
Metalworking machinery	39.0	38.7	38.6	.9	1.0
Special industry machinery	16.4	16.2	15.8	1.4	3.7
General industrial machinery	31.3	30.9	28.5	1.2	9.9
Electric and electronic equipment	93.4	92.8	88.0	.7	6.2
Electrical industrial apparatus	18.9	18.9	18.9	.4	.1
Household appliances	16.9	16.7	15.0	.9	12.2
Electric lighting and wiring equipment	18.4	18.4	17.8	.3	3.4
Communication equipment	10.1	10.0	10.1	1.3	- .5
Transportation equipment	141.2	141.3	126.3	- .1	11.8
Motor vehicles and equipment	94.8	95.1	82.5	- .3	15.0
Aircraft and parts	38.1	37.8	35.6	.7	6.8
Instruments and related products	21.5	21.5	19.8	- .1	8.6
Measuring and controlling devices	12.7	12.7	11.7	.2	8.8
Nondurable Goods[f]	352.1	351.3	336.1	.2	4.8
Food and kindred products	64.0	64.1	62.7	- .2	2.1
Meat products	10.3	10.2	9.4	.7	8.5
Dairy products	10.4	10.3	10.2	.4	1.2
Bakery products	9.9	9.8	9.6	1.7	3.4
Beverages	10.4	10.3	10.4	.8	.3
Textile mill products	4.7	4.7	4.2	.4	11.1
Apparel and other textile products	17.3	17.0	15.8	1.8	9.7
Paper and allied products	35.6	35.4	34.5	.7	3.4
Paper mills, except building paper	9.5	9.5	9.0	.4	5.7
Misc. converted paper products	11.6	11.5	11.2	.9	3.1
Paperboard containers and boxes	11.6	11.5	11.2	.9	4.0
Printing and publishing	63.0	62.8	62.4	.2	1.0
Newspapers	18.1	18.0	17.9	.1	.9
Commercial printing	23.3	23.0	22.8	1.3	2.4
Chemicals and allied products	64.2	64.1	63.7	.1	.9
Industrial inorganic chemicals	11.5	11.4	11.7	.9	- 2.1
Plastics materials and synthetics	8.8	8.9	8.9	- .7	- .8
Petroleum and coal products	9.4	9.4	8.9	.4	5.6
Rubber and misc. plastics products	88.8	88.7	78.7	.1	12.8
Tires and inner tubes	20.4	20.3	20.2	.1	.9
Miscellaneous plastics products	47.5	47.4	39.7	.4	19.7
Leather and leather products	5.0	5.0	5.1	- .5	- 2.8

See footnotes at end of table.

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN OHIO[a]
MARCH 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	March 1984^b	February 1984^c	March 1983^c	Mar. 1984^b	Feb. 1984^c	Mar. 1983^c	Mar. 1984^b	Feb. 1984^c	Mar. 1983^c
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$464.77	$459.19	$424.32	42.6	42.4	40.8	$10.91	$10.83	$10.40
Durable Goods[d]	483.64	478.67	437.38	42.8	42.7	40.8	11.30	11.21	10.72
Lumber and wood products	293.04	288.07	291.46	39.6	39.3	39.6	7.40	7.33	7.36
Furniture and fixtures	331.27	318.89	321.36	42.2	41.2	41.2	7.85	7.74	7.80
Household furniture	286.82	273.14	287.94	40.8	39.3	40.9	7.03	6.95	7.04
Stone, clay, and glass products	420.16	417.08	387.32	41.6	41.5	40.6	10.10	10.05	9.54
Glass and glassware, pressed or blown	430.26	428.13	405.11	40.4	40.2	39.6	10.65	10.65	10.23
Structural clay products	315.59	303.81	293.04	41.2	41.0	40.7	7.66	7.41	7.20
Pottery and related products	347.79	338.52	309.50	38.6	38.6	38.4	9.01	8.77	8.06
Primary metal industries	540.58	540.99	487.71	42.7	42.8	39.3	12.66	12.64	12.41
Blast furnace and basic steel products	541.10	549.25	493.68	41.4	41.8	37.4	13.07	13.14	13.20
Iron and steel foundries	539.33	538.10	491.52	43.6	43.5	41.2	12.37	12.37	11.93
Nonferrous rolling and drawing	608.81	581.56	512.50	44.7	43.4	41.0	13.62	13.40	12.50
Nonferrous foundries	430.39	430.08	376.38	44.6	44.8	41.0	9.65	9.60	9.18
Fabricated metal products	483.48	485.57	441.56	42.9	43.2	41.5	11.27	11.24	10.64
Cutlery, hand tools, and hardware	483.89	493.79	435.05	40.8	41.6	39.3	11.86	11.87	11.07
Plumbing and heating, except electric	376.98	382.22	329.67	41.2	41.5	39.2	9.15	9.21	8.41
Fabricated structural metal products	426.12	414.34	414.34	42.4	41.6	41.6	10.05	9.96	9.96
Screw machine products, bolts, etc.	413.08	421.52	375.32	43.3	44.0	40.4	9.54	9.58	9.29
Metal forgings and stampings	593.60	595.74	524.78	44.8	45.2	42.7	13.25	13.18	12.29
Machinery, except electrical	466.95	468.07	407.82	42.8	43.1	40.1	10.91	10.86	10.17
Construction and related machinery	416.33	427.03	389.64	39.5	40.4	38.2	10.54	10.57	10.20
Metalworking machinery	437.84	433.67	397.88	42.1	41.9	39.2	10.40	10.35	10.15
Special industry machinery	448.54	442.55	400.31	42.8	42.8	41.1	10.48	10.34	9.74
General industrial machinery	465.47	468.04	403.20	42.2	42.9	40.0	11.03	10.91	10.08
Electric and electronic equipment	413.17	420.51	380.25	41.4	41.8	39.9	9.98	10.06	9.53
Electrical industrial apparatus	401.85	390.17	352.47	41.3	40.6	37.9	9.73	9.61	9.30
Household appliances	420.86	458.17	411.67	40.9	42.9	40.8	10.29	10.68	10.09
Electric lighting and wiring equipment	419.18	410.48	371.49	42.6	42.1	40.6	9.84	9.75	9.15
Communication equipment	430.20	432.07	412.40	40.7	40.8	40.0	10.57	10.59	10.31
Transportation equipment	599.73	565.46	543.26	45.4	43.8	43.6	13.21	12.91	12.46
Motor vehicles and equipment	629.24	590.52	564.96	46.2	44.5	44.0	13.62	13.27	12.84
Aircraft and parts	515.95	500.82	495.32	42.5	41.7	42.7	12.14	12.01	11.60
Instruments and related products	332.93	328.86	296.04	40.8	40.7	38.8	8.16	8.08	7.63
Measuring and controlling devices	332.93	332.10	296.07	40.7	41.0	38.5	8.18	8.10	7.69
Nondurable Goods[e]	418.32	414.24	393.01	42.0	41.8	40.6	9.96	9.91	9.68
Food and kindred products	417.21	411.04	389.50	42.1	41.9	40.7	9.91	9.81	9.57
Meat products	405.03	381.64	403.56	42.5	40.3	40.6	9.53	9.47	9.94
Dairy products	422.28	408.31	389.48	43.4	42.8	42.8	9.73	9.54	9.10
Bakery products	437.47	428.74	396.60	41.0	40.6	39.7	10.67	10.56	9.99
Beverages	375.01	362.21	346.37	39.6	39.2	38.7	9.47	9.24	8.95
Textile mill products	316.47	319.49	281.16	41.1	41.6	39.6	7.70	7.68	7.10
Apparel and other textile products	249.48	247.30	224.84	38.8	38.4	36.5	6.43	6.44	6.16
Paper and allied products	444.56	442.67	405.22	44.5	44.4	43.2	9.99	9.97	9.38
Paper mills, except building paper	545.69	544.99	493.56	46.8	46.7	45.7	11.66	11.67	10.80
Misc. converted paper products	411.89	394.07	356.12	44.1	43.4	41.7	9.34	9.08	8.54
Paperboard containers and boxes	394.11	396.63	370.40	43.5	43.3	41.9	9.06	9.16	8.84
Printing and publishing	390.25	391.30	371.14	38.6	38.4	37.3	10.11	10.19	9.95
Newspapers	327.65	319.47	318.08	33.4	32.8	32.0	9.81	9.74	9.94
Commercial printing	410.87	415.09	385.54	40.4	40.3	38.4	10.17	10.30	10.04
Chemicals and allied products	476.70	472.21	444.55	42.0	41.9	41.2	11.35	11.27	10.79
Industrial inorganic chemicals	505.26	514.79	476.94	42.0	42.3	41.8	12.03	12.17	11.41
Plastics materials and synthetics	544.51	533.25	475.15	45.3	45.0	43.0	12.02	11.85	11.05
Petroleum and coal products	639.02	592.62	624.96	44.5	42.0	43.4	14.36	14.11	14.40
Rubber and misc. plastics products	427.39	423.36	406.27	43.7	43.6	42.1	9.78	9.71	9.65
Tires and inner tubes	579.01	582.11	541.14	45.2	45.3	43.5	12.81	12.85	12.44
Miscellaneous plastics products	417.17	411.78	395.22	43.5	43.3	42.0	9.59	9.51	9.41
Leather and leather products	196.50	196.88	206.77	37.5	37.5	37.8	5.24	5.25	5.47

See footnotes at end of table.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN OHIO[a]
MARCH 1984 (Continued)

Industry	Employment (in thousands)			Percent Change From[d]	
	March 1984[b]	February 1984[c]	March 1983[c]	February 1984	March 1983
NONMANUFACTURING	3007.0	2987.0	2956.0	.7	1.7
MINING	27.1	26.7	25.2	1.7	7.8
Bituminous coal and lignite mining	11.7	11.6	10.3	.8	14.0
CONSTRUCTION	114.7	111.8	109.3	2.6	4.9
General building contractors	29.4	28.7	27.0	2.6	9.1
Heavy construction contractors	14.8	13.8	14.4	7.0	2.4
TRANSPORTATION AND PUBLIC UTILITIES	193.7	193.1	194.6	.3	-.5
Railroad transportation	17.6	17.8	18.2	-.7	-3.0
Transportation, except railroads	84.6	83.7	82.2	1.0	2.8
Trucking and warehousing	60.7	60.1	59.9	1.0	1.3
Communication, electric, gas services	91.5	91.6	94.1	-.1	-2.9
Communication	51.9	51.9	53.9	-.1	-3.8
Electric, gas, and sanitary services	39.6	39.7	40.2	-.2	-1.6
WHOLESALE TRADE	218.8	217.9	216.6	.4	1.0
Wholesale trade-durable goods	137.0	136.6	135.6	.3	1.1
Motor vehicles & automotive equipment	19.8	19.9	19.7	-.3	.6
Electrical goods	18.4	18.3	18.5	.4	-.3
Machinery, equipment, and supplies	57.9	57.7	57.1	.2	1.3
Wholesale trade-nondurable goods	81.8	81.3	81.0	.6	1.0
Groceries and related products	25.7	25.7	25.2	.3	2.1
RETAIL TRADE	688.6	682.4	677.4	.9	1.6
General merchandise stores	106.8	106.9	106.2	-.1	.5
Department stores	98.2	98.4	97.6	-.2	.7
Food stores	115.8	116.2	113.4	-.3	2.2
Automotive dealers & service stations	73.9	73.1	73.7	1.0	.2
Apparel and accessory stores	32.6	32.5	32.7	.2	-.5
FINANCE, INSURANCE, AND REAL ESTATE	210.7	210.3	205.9	.2	2.3
Banking	57.5	57.8	58.4	-.5	-1.6
Credit agencies other than banks	32.0	31.8	30.6	.6	4.7
Insurance carriers	59.2	59.2	58.9	.1	.5
SERVICES	882.2	875.0	856.1	.8	3.1
Hotels and other lodging places	27.8	27.5	27.4	.9	1.5
Laundry, cleaning, & garment services	16.2	16.2	16.1	.4	.5
Business services	131.5	130.5	123.5	.8	6.5
Health services	326.0	325.0	315.8	.3	3.2
Hospitals	177.6	177.5	174.0	.1	2.1
GOVERNMENT	671.2	669.9	671.0	.2	.0
Federal government	89.2	89.0	88.0	.2	1.4
State government	147.2	146.1	146.8	.7	.2
State government, except education	68.9	68.9	70.6	.1	-2.4
State government education[i]	78.2	77.2	76.2	1.3	2.6
Local government	434.8	434.7	436.1	.0	-.3
Local government, except education	177.8	178.0	179.5	-.1	-.9
Local government education	257.0	256.8	256.7	.1	.1

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[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes miscellaneous manufacturing. [f] Includes tobacco manufactures. [h] Depressed due to labor-management disputes. [i] Includes State Universities, State Schools for Deaf and Blind, and the State Library. Excludes hospitals, the agricultural extension service, agricultural research centers, and departments coordinating and administering educational programs (notably, the Ohio Department of Education).

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN OHIO[a]
MARCH 1984 (Continued)

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	March 1984[b]	February 1984[c]	March 1983[c]	Mar. 1984[b]	Feb. 1984[c]	Mar. 1983[c]	Mar. 1984[b]	Feb. 1984[c]	Mar. 1983[c]
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
MINING	$487.38	$497.28	$434.92	43.4	44.4	41.9	$11.23	$11.20	$10.38
Bituminous coal and lignite mining	607.71	604.15	524.30	43.1	43.0	40.3	14.10	14.05	13.01
CONSTRUCTION	590.09	601.85	550.46	37.3	37.9	36.6	15.82	15.88	15.04
General building contractors	499.14	525.83	503.60	35.2	36.9	36.1	14.18	14.25	13.95
Heavy construction contractors	561.37	559.11	527.01	37.4	37.6	36.7	15.01	14.87	14.36
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Railroad transportation	......	......	......	....	....	....	....	....	....
Transportation, except railroads	......	......	......	....	....	....	....	....	....
Trucking and warehousing	464.88	451.36	461.76	37.4	36.4	37.0	12.49	12.40	12.48
Communication, electric, gas services ..	482.78	479.18	442.73	40.4	40.2	39.6	11.95	11.92	11.18
Communication	483.20	481.60	441.34	40.2	40.1	39.3	12.02	12.01	11.23
Electric, gas, and sanitary services .	481.52	475.14	444.40	40.6	40.3	40.0	11.86	11.79	11.11
WHOLESALE TRADE	333.20	333.59	322.04	39.2	39.2	38.8	8.50	8.51	8.30
Wholesale trade—durable goods	331.17	330.37	315.12	39.9	39.9	39.0	8.30	8.28	8.08
Motor vehicles & automotive equipment.	277.75	274.83	274.91	38.9	38.6	37.2	7.14	7.12	7.39
Electrical goods	272.66	274.86	260.77	37.3	37.6	37.2	7.31	7.31	7.01
Machinery, equipment, and supplies ...	374.95	374.95	346.88	40.8	40.9	39.6	9.19	9.17	8.81
Wholesale trade—nondurable goods	338.07	339.09	332.44	38.2	38.1	38.3	8.85	8.90	8.68
Groceries and related products	362.30	358.70	361.08	40.3	39.9	40.8	8.99	8.99	8.85
RETAIL TRADE[f]	159.21	158.11	156.10	29.0	28.8	28.8	5.49	5.49	5.42
General merchandise stores	164.89	160.52	158.06	30.2	29.4	29.6	5.46	5.46	5.34
Department stores	167.86	162.88	160.73	30.3	29.4	29.6	5.54	5.54	5.43
Food stores	213.01	209.70	223.41	30.3	30.0	30.9	7.03	6.99	7.23
Automotive dealers & service stations ..	217.68	215.16	204.39	36.1	36.1	36.1	6.03	5.96	5.66
Apparel and accessory stores	115.97	113.54	112.92	25.6	25.4	25.9	4.53	4.47	4.36
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
Banking	222.82	222.06	212.55	....	....	....	....	....	....
Credit agencies other than banks	216.44	217.75	209.25	....	....	....	....	....	....
Insurance carriers	295.22	296.13	284.99	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
Hotels and other lodging places	......	......	......	....	....	....	....	....	....
Laundry, cleaning, & garment services ..	......	......	......	....	....	....	....	....	....
Business services	......	......	......	....	....	....	....	....	....
Health services	......	......	......	....	....	....	....	....	....
Hospitals	283.38	282.20	275.40	33.3	33.2	34.0	8.51	8.50	8.10
GOVERNMENT	......	......	......	....	....	....	....	....	....
Federal government	......	......	......	....	....	....	....	....	....
State government	......	......	......	....	....	....	....	....	....
State government, except education ...	......	......	......	....	....	....	....	....	....
State government education	......	......	......	....	....	....	....	....	....
Local government	......	......	......	....	....	....	....	....	....
Local government, except education ...	......	......	......	....	....	....	....	....	....
Local government education	......	......	......	....	....	....	....	....	....

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes miscellaneous manufacturing. [e] Includes tobacco manufactures. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

Labor Market Information Division
Ohio Bureau of Employment Services
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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN AKRON METROPOLITAN AREA[a]
MARCH 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	March 1984[b]	February 1984[c]	March 1983[c]	February 1984	March 1983
TOTAL	246.5	245.4	239.8	.4	2.8
MANUFACTURING	66.8	66.5	64.1	.4	4.2
Durable Goods[e]	34.2	33.9	32.1	.7	6.6
Stone, clay, and glass products	1.3	1.4	1.4	-1.0	-6.3
Fabricated metal products	12.9	12.8	12.5	.7	3.4
Machinery, except electrical	8.7	8.6	8.1	1.4	7.9
Special industry machinery	1.4	1.3	1.3	2.6	2.0
Nondurable Goods[f]	32.6	32.6	32.1	.0	1.7
Food and kindred products	2.7	2.7	2.5	.9	7.2
Chemicals and allied products	3.0	3.0	3.2	-.4	-7.1
Rubber and misc. plastics products	21.7	21.7	21.3	-.1	1.5
Tires and inner tubes	15.4	15.4	15.6	.0	-1.0
NONMANUFACTURING[g]	179.7	178.9	175.6	.5	2.3
CONSTRUCTION	5.6	5.5	5.2	2.2	7.6
TRANSPORTATION AND PUBLIC UTILITIES	12.1	12.1	12.4	.0	-2.5
Communication, electric, gas services	5.3	5.3	5.5	-.1	-3.9
WHOLESALE TRADE	11.6	11.7	11.6	-.2	.5
RETAIL TRADE	44.0	43.7	43.3	.8	1.8
FINANCE, INSURANCE, AND REAL ESTATE	9.5	9.4	9.1	.8	3.8
SERVICES	53.0	52.9	50.8	.3	4.4
GOVERNMENT	43.1	43.0	42.6	.3	1.2
State government (includes education)	15.0	14.8	14.4	1.4	4.1
Local government (includes education)	26.0	26.2	26.2	-.4	-.5

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Akron area is defined as Portage and Summit Counties. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; primary metal industries; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN AKRON METROPOLITAN AREA[a]
MARCH 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	March 1984[b]	February 1984[c]	March 1983[c]	Mar. 1984[b]	Feb. 1984[c]	Mar. 1983[c]	Mar. 1984[b]	Feb. 1984[c]	Mar. 1983[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$475.88	$471.93	$447.72	43.9	43.9	43.3	$10.84	$10.75	$10.34
Durable Goods[d]	496.37	495.73	460.28	44.2	44.5	44.3	11.23	11.14	10.39
Stone, clay, and glass products	391.68	400.44	389.16	41.1	41.8	41.8	9.53	9.58	9.31
Fabricated metal products	614.51	610.83	527.09	46.1	46.1	45.4	13.33	13.25	11.61
Machinery, except electrical	407.66	411.24	423.56	43.6	44.7	45.3	9.35	9.20	9.35
Special industry machinery	473.23	437.17	399.65	45.9	44.7	41.5	10.31	9.78	9.63
Nondurable Goods[e]	444.85	436.72	430.92	43.4	42.9	42.0	10.25	10.18	10.26
Food and kindred products	472.20	436.90	424.02	45.8	43.3	43.4	10.31	10.09	9.77
Chemicals and allied products	459.89	459.89	466.75	42.9	42.9	42.9	10.72	10.72	10.88
Rubber and misc. plastics products	472.42	462.44	441.58	44.4	44.0	42.5	10.64	10.51	10.39
Tires and inner tubes	624.38	624.38	571.91	46.7	46.7	44.3	13.37	13.37	12.91
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	566.14	567.85	504.55	35.9	36.1	34.3	15.77	15.73	14.71
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	494.91	496.54	451.27	40.5	40.6	39.9	12.22	12.23	11.31
WHOLESALE TRADE	306.15	310.08	293.36	39.2	39.5	38.6	7.81	7.85	7.60
RETAIL TRADE[f]	176.42	174.34	170.82	29.6	29.4	29.2	5.96	5.93	5.85
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
State government (includes education)	......	......	......	....	....	....	....	....	....
Local government (includes education)	......	......	......	....	....	....	....	....	....

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Akron area is defined as Portage and Summit Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; furniture and fixtures; primary metal industries; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CANTON METROPOLITAN AREA[a]
MARCH 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	March 1984[b]	February 1984[c]	March 1983[c]	February 1984	March 1983
TOTAL	144.6	143.8	140.4	.6	3.0
MANUFACTURING	45.2	44.9	42.5	.6	6.3
Durable Goods[e]	34.0	33.9	32.2	.1	5.6
Stone, clay, and glass products	1.6	1.6	1.7	- .4	- 7.1
Primary metal industries	11.1	11.0	9.6	.9	15.9
Fabricated metal products	7.3	7.3	7.4	.6	- 1.9
Fabricated structural metal products	1.8	1.7	2.1	3.1	- 13.4
Metal forgings and stampings	2.3	2.3	2.1	.6	7.8
Nondurable Goods[f]	11.2	10.9	10.3	2.2	8.6
Food and kindred products	3.9	3.7	3.7	4.9	5.7
Rubber and misc. plastics products	2.8	2.8	2.3	.0	18.6
NONMANUFACTURING[g]	99.4	98.9	97.9	.5	1.5
CONSTRUCTION	3.8	3.7	3.3	3.8	16.0
TRANSPORTATION AND PUBLIC UTILITIES	5.6	5.6	5.9	.1	- 5.3
Communication, electric, gas services	2.7	2.7	2.9	.0	- 6.3
WHOLESALE TRADE	7.4	7.3	7.1	.7	3.7
RETAIL TRADE	24.9	24.8	24.9	.5	.1
FINANCE, INSURANCE, AND REAL ESTATE	6.6	6.6	6.4	.6	3.5
SERVICES	31.1	30.8	30.6	.9	1.8
GOVERNMENT	18.6	18.7	18.6	- .7	- .3
Local government (includes education)	15.8	15.9	15.8	- .9	.1

[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Canton area is defined as Carroll and Stark Counties. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CANTON METROPOLITAN AREA[a]
MARCH 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	March 1984[b]	February 1984[c]	March 1983[c]	Mar. 1984[b]	Feb. 1984[c]	Mar. 1983[c]	Mar. 1984[b]	Feb. 1984[c]	Mar. 1983[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$446.22	$447.31	$407.03	40.9	41.0	39.1	$10.91	$10.91	$10.41
Durable Goods[d]	460.49	464.94	417.59	40.5	41.0	39.1	11.37	11.34	10.68
Stone, clay, and glass products	277.99	280.53	275.95	39.6	39.4	40.7	7.02	7.12	6.78
Primary metal industries	500.19	500.58	442.23	40.6	40.5	37.1	12.32	12.36	11.92
Fabricated metal products	548.66	529.17	472.46	42.4	41.7	40.8	12.94	12.69	11.58
Fabricated structural metal products	373.46	390.78	441.17	37.8	39.0	40.4	9.88	10.02	10.92
Metal forgings and stampings	704.41	667.52	552.57	46.1	44.8	40.6	15.28	14.90	13.61
Nondurable Goods[e]	400.68	391.00	371.84	42.0	40.9	39.1	9.54	9.56	9.51
Food and kindred products	427.80	395.17	428.13	43.3	40.2	39.9	9.88	9.83	10.73
Rubber and misc. plastics products	459.80	459.90	378.11	45.3	45.4	42.2	10.15	10.13	8.96
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	562.91	563.47	489.10	35.9	36.4	33.5	15.68	15.48	14.60
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	484.33	483.59	453.86	40.7	40.4	40.2	11.90	11.97	11.29
WHOLESALE TRADE	292.67	315.13	297.93	34.8	36.6	36.2	8.41	8.61	8.23
RETAIL TRADE[f]	156.56	157.14	154.81	29.1	29.1	29.1	5.38	5.40	5.32
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
Local government (includes education)	......	......	......	....	....	....	....	....	....

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Canton area is defined as Carroll and Stark Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; furniture and fixtures; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CINCINNATI METROPOLITAN AREA[a]
MARCH 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	March 1984[b]	February 1984[c]	March 1983[c]	February 1984	March 1983
TOTAL	576.3	572.2	563.2	.7	2.3
MANUFACTURING	143.6	143.3	138.3	.3	3.8
Durable Goods[e]	77.8	78.0	75.1	- .3	3.5
Furniture and fixtures	2.0	2.1	2.0	- 3.8	- 2.9
Primary metal industries	2.0	2.0	1.8	2.5	13.8
Fabricated metal products	12.5	12.5	11.6	.5	7.5
Fabricated structural metal products	3.6	3.6	3.7	.5	- 1.0
Machinery, except electrical	19.0	18.8	18.8	.8	.8
Metalworking machinery	7.9	7.8	8.1	1.3	- 2.7
General industrial machinery	3.5	3.4	3.5	1.2	.3
Electric and electronic equipment	8.2	8.3	7.9	- .6	3.5
Transportation equipment	24.5	25.2	23.5	- 2.4	4.4
Motor vehicles and equipment	9.6	10.3	9.0	- 6.3	6.8
Nondurable Goods[f]	65.9	65.3	63.2	.9	4.2
Food and kindred products	14.5	14.2	14.0	1.9	3.2
Meat products	2.3	2.3	1.7[h]	- .4	32.2
Bakery products	2.5	2.5	2.2	1.8	13.2
Beverages	4.2	4.0	4.3	4.0	- 3.7
Apparel and other textile products	3.9	3.8	3.6	4.5	7.9
Paper and allied products	6.1	6.0	5.4	2.5	13.0
Printing and publishing	11.7	11.7	11.5	- .6	1.1
Chemicals and allied products	21.6	21.5	21.2	.3	1.9
Rubber and misc. plastics products	4.9	4.9	4.1	.5	19.2
NONMANUFACTURING[g]	432.6	428.9	424.9	.9	1.8
CONSTRUCTION	18.8	18.1	17.9	3.7	5.1
TRANSPORTATION AND PUBLIC UTILITIES	30.6	30.6	30.7	.0	- .4
Communication, electric, gas services	14.1	14.2	14.5	- .9	- 3.0
WHOLESALE TRADE	35.7	35.6	35.5	.3	.6
RETAIL TRADE	101.0	100.3	100.7	.7	.2
FINANCE, INSURANCE, AND REAL ESTATE	33.0	32.9	32.3	.3	2.1
Banking	7.4	7.4	7.3	- .2	.4
Insurance carriers	11.2	11.2	11.2	.1	- .2
SERVICES	131.4	129.7	125.3	1.3	4.9
GOVERNMENT	81.8	81.4	82.2	.6	- .4
Federal government	13.3	13.0	12.6	2.2	5.5
State government (includes education)	18.0	18.0	19.5	.1	- 7.8
Local government	50.5	50.4	50.1	.3	.9
Local government, except education	21.0	20.9	21.2	.5	- 1.1
Local government education	29.5	29.5	28.8	.1	2.4

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[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Cincinnati area is defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; stone, clay, and glass products; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CINCINNATI METROPOLITAN AREA[a]
MARCH 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	March 1984[b]	February 1984[c]	March 1983[c]	Mar. 1984[b]	Feb. 1984[c]	Mar. 1983[c]	Mar. 1984[b]	Feb. 1984[c]	Mar. 1983[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$433.26	$430.36	$408.41	41.7	41.5	40.8	$10.39	$10.37	$10.01
Durable Goods[d]	421.87	417.77	394.47	41.4	41.2	40.5	10.19	10.14	9.74
Furniture and fixtures	345.69	343.62	297.99	41.7	41.4	38.7	8.29	8.30	7.70
Primary metal industries	465.11	455.44	382.24	40.2	39.5	36.3	11.57	11.53	10.53
Fabricated metal products	373.73	381.36	371.70	40.1	40.7	41.3	9.32	9.37	9.00
Fabricated structural metal products .	355.71	371.05	346.94	39.7	41.0	41.5	8.96	9.05	8.36
Machinery, except electrical	396.58	398.16	353.70	42.1	42.0	39.3	9.42	9.48	9.00
Metalworking machinery	442.65	442.98	387.73	41.1	41.4	38.2	10.77	10.70	10.15
General industrial machinery	356.07	373.18	345.14	41.5	42.6	40.7	8.58	8.76	8.48
Electric and electronic equipment	323.75	324.28	303.00	41.4	41.1	39.3	7.82	7.89	7.71
Transportation equipment	586.70	556.93	546.52	42.7	41.5	42.3	13.74	13.42	12.92
Motor vehicles and equipment	647.09	616.25	597.28	43.4	42.5	42.3	14.91	14.50	14.12
Nondurable Goods[e]	445.20	444.33	424.36	42.0	41.8	41.2	10.60	10.63	10.30
Food and kindred products	497.51	489.52	460.62	43.0	42.2	41.2	11.57	11.60	11.18
Meat products	444.77	394.79	391.17	44.7	40.7	38.2	9.95	9.70	10.24
Bakery products	464.94	466.05	413.91	42.0	42.1	40.9	11.07	11.07	10.12
Beverages	471.22	460.10	431.39	42.3	41.6	41.6	11.14	11.06	10.37
Apparel and other textile products	216.23	230.01	225.43	36.9	37.4	37.2	5.86	6.15	6.06
Paper and allied products	400.33	406.95	366.54	43.8	43.9	41.7	9.14	9.27	8.79
Printing and publishing	429.72	453.86	416.46	39.9	41.6	39.4	10.77	10.91	10.57
Chemicals and allied products	523.98	506.72	492.99	42.6	41.5	42.1	12.30	12.21	11.71
Rubber and misc. plastics products	368.10	361.79	345.43	45.5	44.5	44.4	8.09	8.13	7.78
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	535.09	539.83	537.58	36.5	37.0	37.1	14.66	14.59	14.49
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services ..	451.63	446.59	407.62	38.9	38.8	38.6	11.61	11.51	10.56
WHOLESALE TRADE	357.28	351.43	326.17	40.6	39.8	38.6	8.80	8.83	8.45
RETAIL TRADE[f]	162.87	163.48	156.29	30.5	30.5	29.6	5.34	5.36	5.28
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
Banking	[illegible]	226.34	218.43	....	....	....	....	....	....
Insurance carriers	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
Federal government	......	......	......	....	....	....	....	....	....
State government (includes education) ..	......	......	......	....	....	....	....	....	....
Local government	......	......	......	....	....	....	....	....	....
Local government, except education ...	......	......	......	....	....	....	....	....	....
Local government education	......	......	......	....	....	....	....	....	....

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[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Cincinnati area is defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; stone, clay, and glass products; instruments and related products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CLEVELAND METROPOLITAN AREA[a]
MARCH 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	March 1984[b]	February 1984[c]	March 1983[c]	February 1984	March 1983
TOTAL	821.1	817.5	812.4	.4	1.1
MANUFACTURING	211.9	211.2	205.5	.3	3.1
Durable Goods[e]	147.4	147.0	142.6	.3	3.4
Furniture and fixtures	2.2	2.2	2.0	1.6	10.9
Primary metal industries	25.1	25.2	23.5	-.2	7.1
Blast furnace and basic steel products	12.3	12.3	12.0	.0	2.2
Iron and steel foundries	6.2	6.2	5.6	.0	11.4
Nonferrous foundries	2.5	2.6	2.5	-4.2	2.9
Fabricated metal products	31.6	31.8	30.9	-.5	2.4
Fabricated structural metal products	3.7	3.7	3.4	.2	7.3
Screw machine products, bolts, etc.	4.2	4.3	4.3	-1.7	-1.5
Metal forgings and stampings	10.8	10.9	10.9	-.4	-.9
Machinery, except electrical	31.9	31.5	30.2	1.1	5.5
Construction and related machinery	5.0	4.9	4.8[h]	1.3	4.6
Metalworking machinery	10.5	10.3	10.1	1.2	3.2
Special industry machinery	3.1	3.0	2.9	2.0	8.4
General industrial machinery	2.7	2.7	2.8	-1.3	-3.7
Electric and electronic equipment	22.4	22.3	22.5	.3	-.4
Electrical industrial apparatus	7.6	7.6	7.7	.4	-.8
Transportation equipment	20.5	20.4	20.4	.6	.6
Motor vehicles and equipment	14.2	14.1	14.0	.4	1.3
Instruments and related products	5.8	5.9	5.7	-.2	2.0
Nondurable Goods[f]	64.5	64.2	62.9	.4	2.5
Food and kindred products	7.6	7.6	7.6	.5	.5
Bakery products	1.7	1.7	1.7	2.6	2.6
Beverages	1.6	1.6	1.6	-.5	-1.2
Apparel and other textile products	5.2	5.2	5.0	.3	4.9
Paper and allied products	4.9	4.9	4.7	1.6	4.1
Printing and publishing	15.0	15.0	14.9	-.2	.9
Chemicals and allied products	14.3	14.3	14.5	.4	-1.3
Industrial inorganic chemicals	3.3	3.2	3.5	2.1	-7.2
Rubber and misc. plastics products	11.4	11.4	10.6	.2	8.5
NONMANUFACTURING[g]	609.3	606.3	606.9	.5	.4
CONSTRUCTION	22.5	22.2	21.4	1.7	5.2
TRANSPORTATION AND PUBLIC UTILITIES	40.1	40.0	40.4	.2	-.8
Communication, electric, gas services	19.5	19.5	20.1	.1	-2.9
WHOLESALE TRADE	57.3	57.1	57.6	.3	-.6
RETAIL TRADE	130.5	129.8	130.1	.6	.4
FINANCE, INSURANCE, AND REAL ESTATE	48.1	48.3	48.0	-.5	.3
Banking	12.8	13.1	13.5	-2.8	-5.2
Insurance carriers	11.8	11.8	11.9	.3	-.8
SERVICES	196.8	194.5	191.6	1.2	2.7
GOVERNMENT	112.6	113.1	116.7	-.4	-3.5
Federal government	19.4	19.4	19.3	.0	.6
State government (includes education)	7.9	7.9	8.1	.3	-2.5
Local government	85.2	85.7	89.2	-.6	-4.5
Local government, except education	42.7	43.3	44.7	-1.4	-4.5
Local government education	42.6	42.5	44.6	.2	-4.5

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Cleveland area is defined as Cuyahoga, Geauga, Lake, and Medina Counties. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; stone, clay, and glass products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CLEVELAND METROPOLITAN AREA[a]
MARCH 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	March 1984[b]	February 1984[c]	March 1983[c]	Mar. 1984[b]	Feb. 1984[c]	Mar. 1983[c]	Mar. 1984[b]	Feb. 1984[c]	Mar. 1983[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$455.99	$454.07	$411.03	42.3	42.2	40.1	$10.78	$10.76	$10.25
Durable Goods[d]	485.78	484.50	434.97	42.8	42.8	40.5	11.35	11.32	10.74
Furniture and fixtures	351.31	330.46	321.17	43.0	41.0	40.5	8.17	8.06	7.93
Primary metal industries	544.42	540.17	484.74	42.8	42.6	39.7	12.72	12.68	12.21
Blast furnace and basic steel products	505.77	505.39	458.31	38.2	38.2	35.5	13.24	13.23	12.91
Iron and steel foundries	703.48	703.89	606.56	47.5	47.4	43.7	14.81	14.85	13.88
Nonferrous foundries	365.94	362.10	362.30	42.8	42.4	41.5	8.55	8.54	8.73
Fabricated metal products	458.39	457.10	424.27	42.8	42.6	40.6	10.71	10.73	10.45
Fabricated structural metal products	345.46	337.82	324.32	39.8	39.1	38.2	8.68	8.64	8.49
Screw machine products, bolts, etc.	470.32	476.34	387.03	46.2	46.7	40.4	10.18	10.20	9.58
Metal forgings and stampings	568.41	568.01	539.30	44.2	44.1	42.7	12.86	12.88	12.63
Machinery, except electrical	474.47	492.36	404.64	42.9	44.0	39.4	11.06	11.19	10.27
Construction and related machinery	463.05	503.07	449.16	38.3	41.0	39.4	12.09	12.27	11.40
Metalworking machinery	424.74	422.51	399.21	41.6	41.1	39.1	10.21	10.28	10.21
Special industry machinery	515.14	506.26	455.87	43.0	42.4	41.9	11.98	11.94	10.88
General industrial machinery	416.51	426.99	361.57	42.2	43.0	38.1	9.87	9.93	9.49
Electric and electronic equipment	411.27	413.82	360.30	41.5	41.8	38.7	9.91	9.90	9.31
Electrical industrial apparatus	434.18	411.07	340.12	42.4	40.7	35.1	10.24	10.10	9.69
Transportation equipment	618.79	593.62	557.87	45.6	44.3	44.1	13.57	13.40	12.65
Motor vehicles and equipment	654.58	630.85	594.51	46.0	44.9	44.7	14.23	14.05	13.30
Instruments and related products	378.78	376.13	340.90	41.9	41.7	40.2	9.04	9.02	8.48
Nondurable Goods[e]	378.84	376.99	352.13	41.0	40.8	39.3	9.24	9.24	8.96
Food and kindred products	381.50	384.61	371.16	40.2	40.4	40.3	9.49	9.52	9.21
Bakery products	412.64	420.58	397.44	41.1	42.1	41.1	10.04	9.99	9.67
Beverages	337.00	338.75	332.83	39.6	39.9	40.1	8.51	8.49	8.30
Apparel and other textile products	280.28	280.28	254.01	39.2	39.2	37.3	7.15	7.15	6.81
Paper and allied products	417.17	410.56	360.50	43.5	43.4	40.1	9.59	9.46	8.99
Printing and publishing	370.02	370.11	366.90	37.3	36.9	36.8	9.92	10.03	9.97
Chemicals and allied products	481.06	475.33	435.25	43.3	42.9	41.1	11.11	11.08	10.59
Industrial inorganic chemicals	523.93	517.79	455.26	43.3	42.2	41.2	12.10	12.27	11.05
Rubber and misc. plastics products	349.92	347.06	322.55	43.2	42.9	41.3	8.10	8.09	7.81
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	770.71	783.07	617.44	40.8	40.7	36.6	18.89	19.24	16.87
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	512.37	509.90	468.47	40.6	40.5	39.6	12.62	12.59	11.83
WHOLESALE TRADE	349.18	343.30	331.96	39.5	39.1	38.6	8.84	8.78	8.60
RETAIL TRADE[f]	171.50	171.17	168.13	28.3	28.2	28.4	6.06	6.07	5.92
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
Banking	251.27	251.04	240.03	....	....	....	....	....	....
Insurance carriers	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
Federal government	......	......	......	....	....	....	...	....	....
State government (includes education)	......	......	......	....	....	....	....	....	....
Local government	......	......	......	....	....	....	....	....	....
Local government, except education	......	......	......	....	....	....	....	....	....
Local government education	......	......	......	....	....	....	....	....	....

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[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Cleveland area is defined as Cuyahoga, Geauga, Lake, and Medina Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; stone, clay, and glass products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN COLUMBUS METROPOLITAN AREA[a]
MARCH 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	March 1984[b]	February 1984[c]	March 1983[c]	February 1984	March 1983
TOTAL	508.8	505.9	488.3	.6	4.2
MANUFACTURING	87.0	87.0	82.2	.0	5.9
Durable Goods[e]	56.4	56.2	51.3	.5	10.0
Stone, clay, and glass products	9.4	9.3	8.7	.6	7.5
Fabricated metal products	10.2	10.1	9.0	.4	13.0
Machinery, except electrical	9.7	9.8	8.8	- .9	9.9
Electric and electronic equipment	10.2	10.1	9.9	1.2	3.2
Transportation equipment	8.8	8.8	7.3	.6	21.7
Nondurable Goods[f]	30.6	30.8	30.9	- .7	- 1.0
Food and kindred products	9.8	9.8	9.8	- .1	- .7
Printing and publishing	7.9	8.1	8.2	- 1.5	- 3.2
Chemicals and allied products	6.2	6.1	6.0	.1	1.7
Rubber and misc. plastics products	2.6	2.7	2.6	- 1.9	2.3
NONMANUFACTURING[g]	421.8	418.9	406.2	.7	3.8
CONSTRUCTION	14.0	13.6	13.3	2.6	5.5
TRANSPORTATION AND PUBLIC UTILITIES	22.8	22.8	22.3	.2	2.3
Communication, electric, gas services	11.2	11.2	10.9	.0	2.2
WHOLESALE TRADE	27.5	27.4	26.8	.4	2.7
RETAIL TRADE	94.1	93.5	89.3	.7	5.3
FINANCE, INSURANCE, AND REAL ESTATE	44.6	44.5	42.0	.1	6.2
Banking	8.9	8.8	8.4	.5	5.5
Insurance carriers	18.1	18.0	17.9	.2	1.1
SERVICES	114.7	113.4	110.0	1.2	4.3
GOVERNMENT	103.6	103.2	102.0	.4	1.6
Federal government	11.4	11.3	11.2	.4	1.7
State government	49.2	49.0	49.2	.5	.0
State government, except education	28.0	27.9	28.5	.4	- 2.0
State government education[i]	21.3	21.1	20.7	.7	2.8
Local government	43.0	42.9	41.6	.2	3.4
Local government, except education	17.3	17.3	16.9	.1	1.9
Local government education	25.8	25.7	24.7	.3	4.5

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Columbus area is defined as Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes. [i] Includes State Universities, State Schools for Deaf and Blind, and the State Library. Excludes hospitals, the agricultural extension service, agricultural research centers, and departments coordinating and administering education programs (notably, the Ohio Department of Education).

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN COLUMBUS METROPOLITAN AREA[a]
MARCH 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	March 1984[b]	February 1984[c]	March 1983[c]	Mar. 1984[b]	Feb. 1984[c]	Mar. 1983[c]	Mar. 1984[b]	Feb. 1984[c]	Mar. 1983[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$414.32	$413.29	$394.30	40.5	40.4	40.4	$10.23	$10.23	$ 9.76
Durable Goods[d]	426.47	428.33	411.46	40.5	40.6	40.3	10.53	10.55	10.21
Stone, clay, and glass products	382.20	375.58	370.66	39.2	38.8	39.6	9.75	9.68	9.36
Fabricated metal products	507.12	526.68	492.79	40.7	42.0	41.1	12.46	12.54	11.99
Machinery, except electrical	397.17	399.65	375.60	41.2	41.5	40.0	9.64	9.63	9.39
Electric and electronic equipment	412.70	409.65	388.90	40.7	40.6	40.3	10.14	10.09	9.65
Transportation equipment	500.53	503.78	528.66	41.4	41.6	44.5	12.09	12.11	11.88
Nondurable Goods[e]	387.18	380.80	362.64	40.5	40.0	40.7	9.56	9.52	8.91
Food and kindred products	371.39	357.29	354.83	40.5	40.1	41.5	9.17	8.91	8.55
Printing and publishing	444.15	436.78	416.48	37.8	37.3	38.0	11.75	11.71	10.96
Chemicals and allied products	454.37	455.62	404.91	41.8	41.8	40.9	10.87	10.90	9.90
Rubber and misc. plastics products	301.49	296.51	334.20	41.3	39.8	44.5	7.30	7.45	7.51
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	453.73	473.43	489.88	35.2	36.7	37.0	12.89	12.90	13.24
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	497.24	496.44	461.77	40.1	40.1	39.4	12.40	12.38	11.72
WHOLESALE TRADE	290.08	287.51	314.79	39.2	38.8	39.3	7.40	7.41	8.01
RETAIL TRADE[f]	157.89	155.93	160.56	28.5	28.3	29.3	5.54	5.51	5.48
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
Banking	240.30	241.30	230.95	....	....	....	....	....	....
Insurance carriers	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
Federal government	......	......	......	....	....	....	....	....	....
State government	......	......	......	....	....	....	....	....	....
State government, except education	......	......	......	....	....	....	....	....	....
State government education	......	......	......	....	....	....	....	....	....
Local government	......	......	......	....	....	....	....	....	....
Local government, except education	......	......	......	....	....	....	....	....	....
Local government education	......	......	......	....	....	....	....	....	....

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Columbus area is defined as Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN DAYTON METROPOLITAN AREA[a]
MARCH 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	March 1984[b]	February 1984[c]	March 1983[c]	February 1984	March 1983
TOTAL	341.3	339.8	330.4	.4	3.3
MANUFACTURING	91.3	90.9	83.8	.4	8.9
Durable Goods[e]	63.4	63.0	58.2	.6	8.9
Stone, clay, and glass products	2.0	2.0	1.7	.3	14.2
Fabricated metal products	6.9	6.9	6.2	.6	11.4
Machinery, except electrical	29.7	29.6	27.7	.6	7.5
Metalworking machinery	6.6	6.5	6.2	.8	5.4
Electric and electronic equipment	5.0	5.0	4.7	1.4	6.5
Electrical industrial apparatus	2.9	2.9	2.8	.7	3.6
Transportation equipment	13.5	13.5	12.5	- .1	7.7
Nondurable Goods[f]	27.9	27.9	25.6	.0	8.9
Food and kindred products	2.9	2.9	2.7	.2	4.6
Paper and allied products	5.6	5.6	5.2	.3	8.7
Printing and publishing	7.4	7.4	7.1	.3	3.9
Rubber and misc. plastics products	8.4	8.4	7.3	- .5	13.9
NONMANUFACTURING[g]	250.0	248.9	246.6	.4	1.4
CONSTRUCTION	8.1	7.9	7.7	2.5	4.9
TRANSPORTATION AND PUBLIC UTILITIES	12.6	12.5	12.5	.3	.7
Communication, electric, gas services	5.6	5.7	6.2	- .1	- 8.8
WHOLESALE TRADE	16.6	16.6	16.3	- .1	1.4
RETAIL TRADE	53.7	53.4	53.2	.6	.9
FINANCE, INSURANCE, AND REAL ESTATE	13.9	13.8	13.5	.3	2.6
SERVICES	77.7	77.3	75.5	.6	2.9
GOVERNMENT	67.3	67.2	67.5	.1	- .4
Federal government	26.3	26.2	25.8	.3	2.1
State government (includes education)	6.1	6.1	5.9	.3	3.7
Local government	34.9	34.9	35.9	- .1	- 2.8
Local government, except education	12.8	12.8	13.1	.1	- 2.0
Local government education	22.1	22.1	22.8	- .2	- 3.2

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Dayton area is defined as Greene, Miami, Montgomery, and Preble Counties. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN DAYTON METROPOLITAN AREA[a]
MARCH 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	March 1984[b]	February 1984[c]	March 1983[c]	Mar. 1984[b]	Feb. 1984[c]	Mar. 1983[c]	Mar. 1984[b]	Feb. 1984[c]	Mar. 1983[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$475.08	$472.51	$420.65	42.8	42.8	40.8	$11.10	$11.04	$10.31
Durable Goods[d]	479.27	475.15	420.04	43.1	43.0	40.9	11.12	11.05	10.27
Stone, clay, and glass products	375.80	371.15	369.33	39.6	39.4	39.5	9.49	9.42	9.35
Fabricated metal products	344.12	391.53	332.09	39.6	43.6	40.4	8.69	8.98	8.22
Machinery, except electrical	522.10	506.44	431.90	44.7	44.0	40.9	11.68	11.51	10.56
Metalworking machinery	498.93	491.68	443.52	45.9	45.4	42.0	10.87	10.83	10.56
Electric and electronic equipment	328.05	320.39	312.44	40.5	40.2	39.6	8.10	7.97	7.89
Electrical industrial apparatus	357.93	340.63	330.22	41.0	39.7	39.5	8.73	8.58	8.36
Transportation equipment	598.63	598.75	530.45	43.6	43.8	41.9	13.73	13.67	12.66
Nondurable Goods[e]	466.05	463.10	421.20	42.1	42.1	40.5	11.07	11.00	10.40
Food and kindred products	388.81	388.74	393.78	42.4	42.3	40.1	9.17	9.19	9.82
Paper and allied products	420.85	410.05	362.71	44.3	43.3	41.5	9.50	9.47	8.74
Printing and publishing	402.32	406.50	381.67	37.6	37.5	37.2	10.70	10.84	10.26
Rubber and misc. plastics products	597.92	594.08	532.56	43.9	44.5	42.2	13.62	13.35	12.62
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	490.16	508.56	505.53	35.7	36.3	36.5	13.73	14.01	13.85
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services ..	490.04	491.26	454.61	40.2	40.3	39.6	12.19	12.19	11.48
WHOLESALE TRADE	346.94	344.86	326.82	41.7	41.6	40.7	8.32	8.29	8.03
RETAIL TRADE[f]	156.64	154.98	153.75	28.9	28.7	28.9	5.42	5.40	5.32
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
Federal government	......	......	......	....	....	....	....	....	....
State government (includes education) ..	......	......	......	....	....	....	....	....	....
Local government	......	......	......	....	....	....	....	....	....
Local government, except education ...	......	......	......	....	....	....	....	....	....
Local government education	......	......	......	....	....	....	....	....	....

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Dayton area is defined as Greene, Miami, Montgomery, and Preble Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN TOLEDO METROPOLITAN AREA[a]
MARCH 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	March 1984[b]	February 1984[c]	March 1983[c]	February 1984	March 1983
TOTAL	287.7	286.4	271.9	.4	5.8
MANUFACTURING	75.6	75.5	63.2	.1	19.6
Durable Goods[e]	59.0	58.8	48.3[h]	.4	22.3
Stone, clay, and glass products	11.4	11.5	11.0	-.5	3.4
Primary metal industries	4.1	4.0	3.5	2.4	16.5
Fabricated metal products	8.4	8.4	7.2	.5	17.0
Metal forgings and stampings	4.1	4.1	3.3	.7	26.2
Machinery, except electrical	6.4	6.3	5.4	1.5	17.6
General industrial machinery	1.6	1.6	1.2[h]	1.6	28.9
Transportation equipment	20.7	20.7	15.1	-.1	37.3
Motor vehicles and equipment	19.4	19.5	13.9	-.2	40.2
Nondurable Goods[f]	16.5	16.7	14.9	-.8	11.0
Food and kindred products	3.8	4.0	3.8	-5.3	-.8
Rubber and misc. plastics products	4.4	4.4	3.0	1.2	46.8
NONMANUFACTURING[g]	212.2	211.0	208.8	.6	1.6
CONSTRUCTION	8.6	8.3	9.1	4.3	-4.6
TRANSPORTATION AND PUBLIC UTILITIES	17.2	17.2	17.0	-.2	1.0
Communication, electric, gas services	7.4	7.5	7.8	-.5	-4.4
WHOLESALE TRADE	14.2	14.2	14.1	.3	.9
RETAIL TRADE	47.7	47.4	48.0	.7	-.7
FINANCE, INSURANCE, AND REAL ESTATE	10.8	10.8	10.4	.0	3.8
SERVICES	64.9	64.4	62.7	.7	3.4
GOVERNMENT	48.5	48.5	47.2	.0	2.7
State government (includes education)	15.4	15.4	15.0	.0	2.5
Local government	30.4	30.4	29.5	.0	3.1
Local government, except education	11.9	12.0	11.2	-.4	6.0
Local government education	18.5	18.4	18.2	.2	1.3

[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Toledo area is defined as Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; electric and electronic equipment; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN TOLEDO METROPOLITAN AREA[a]
MARCH 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	March 1984[b]	February 1984[c]	March 1983[c]	Mar. 1984[b]	Feb. 1984[c]	Mar. 1983[c]	Mar. 1984[b]	Feb. 1984[c]	Mar. 1983[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$503.42	$499.38	$461.58	43.7	43.5	42.0	$11.52	$11.48	$10.99
Durable Goods[d]	527.00	523.73	479.39	44.1	43.9	42.2	11.95	11.93	11.36
Stone, clay, and glass products	520.82	527.77	476.85	44.1	44.5	42.5	11.81	11.86	11.22
Primary metal industries	508.66	520.93	432.22	46.2	47.4	41.6	11.01	10.99	10.39
Fabricated metal products	471.97	465.62	453.23	43.3	42.6	42.2	10.90	10.93	10.74
Metal forgings and stampings	497.87	488.87	524.45	42.3	41.5	43.2	11.77	11.78	12.14
Machinery, except electrical	463.08	461.10	404.64	43.4	43.5	39.4	10.67	10.60	10.27
General industrial machinery	503.71	499.25	413.40	43.2	43.3	36.2	11.66	11.53	11.42
Transportation equipment	608.84	599.42	572.88	44.9	44.5	43.4	13.56	13.47	13.20
Motor vehicles and equipment	609.29	598.07	573.75	44.9	44.4	43.4	13.57	13.47	13.22
Nondurable Goods[e]	414.12	407.40	404.58	42.3	42.0	41.2	9.79	9.70	9.82
Food and kindred products	468.51	449.86	424.27	43.3	42.4	42.3	10.82	10.61	10.03
Rubber and misc. plastics products	333.48	335.12	339.82	42.0	42.1	40.6	7.94	7.96	8.37
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	675.28	665.37	639.92	40.1	39.7	38.0	16.84	16.76	16.84
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	505.53	508.41	465.60	41.0	41.1	40.0	12.33	12.37	11.64
WHOLESALE TRADE	320.53	337.42	343.66	36.8	38.3	38.7	8.71	8.81	8.88
RETAIL TRADE[f]	161.58	159.33	157.90	28.7	28.3	28.4	5.63	5.63	5.56
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
State government (includes education)	......	......	......	....	....	....	....	....	....
Local government	......	......	......	....	....	....	....	....	....
Local government, except education	......	......	......	....	....	....	....	....	....
Local government education	......	......	......	....	....	....	....	....	....

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[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Toledo area is defined as Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; furniture and fixtures; electric and electronic equipment; instruments and related products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN YOUNGSTOWN-WARREN METROPOLITAN AREA[a]
MARCH 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	March 1984[b]	February 1984[c]	March 1983[c]	February 1984	March 1983
TOTAL	179.0	178.4	174.1	.3	2.8
MANUFACTURING	55.3	55.6	52.1	- .6	6.1
Durable Goods[e]	50.0	50.5	47.3	- .8	5.8
Stone, clay, and glass products	1.6	1.6	1.5	5.7	7.5
Primary metal industries	23.6	23.7	21.9	- .5	7.7
Blast furnace and basic steel products	9.7	9.6	9.1	.4	5.9
Fabricated metal products	8.2	8.3	7.3	- 1.1	12.7
Fabricated structural metal products	1.7	1.9	1.8	- 8.5	- 4.3
Machinery, except electrical	3.7	3.7	4.0	- .6	- 7.7
Metalworking machinery	1.5	1.5	1.9	- 2.6	- 21.6
Electric and electronic equipment	2.6	2.6	2.6	.5	- .2
Transportation equipment	8.7	8.9	8.5	- 2.2	2.6
Nondurable Goods[f]	5.2	5.1	4.8	2.0	8.7
NONMANUFACTURING[g]	123.7	122.9	122.0	.7	1.4
CONSTRUCTION	4.2	4.2	3.7	.7	14.7
TRANSPORTATION AND PUBLIC UTILITIES	7.2	7.2	7.4	.6	- 2.8
Communication, electric, gas services	3.1	3.1	3.2	- .2	- 5.0
WHOLESALE TRADE	7.7	7.7	7.4	- .3	4.2
RETAIL TRADE	32.7	32.4	33.0	1.1	- .8
FINANCE, INSURANCE, AND REAL ESTATE	7.2	7.2	7.1	.0	2.0
SERVICES	39.3	39.0	38.0	.9	3.6
GOVERNMENT	24.7	24.6	24.7	.5	- .2
Local government (includes education)	18.8	18.8	18.8	.4	.3

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Youngstown-Warren area is defined as Mahoning and Trumbull Counties. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; instruments and related products; miscellaneous manufacturing. [f] Includes food and kindred products; tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and misc. plastics products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN YOUNGSTOWN-WARREN METROPOLITAN AREA[a]
MARCH 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	March 1984[b]	February 1984[c]	March 1983[c]	Mar. 1984[b]	Feb. 1984[c]	Mar. 1983[c]	Mar. 1984[b]	Feb. 1984[c]	Mar. 1983[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$591.71	$554.51	$501.83	45.1	43.8	41.1	$13.12	$12.66	$12.21
Durable Goods[d]	612.41	571.10	513.77	45.6	44.1	41.3	13.43	12.95	12.44
Stone, clay, and glass products	364.42	390.51	329.24	38.4	40.3	37.8	9.49	9.69	8.71
Primary metal industries	573.92	564.48	506.07	42.2	42.0	39.2	13.60	13.44	12.91
Blast furnace and basic steel products	531.56	542.43	480.77	40.3	41.0	36.7	13.19	13.23	13.10
Fabricated metal products	690.71	667.41	576.84	47.8	47.2	43.7	14.45	14.14	13.20
Fabricated structural metal products	409.34	377.47	397.28	38.8	36.4	38.2	10.55	10.37	10.40
Machinery, except electrical	452.34	455.09	442.22	39.3	39.3	37.7	11.51	11.58	11.73
Metalworking machinery	437.10	451.27	454.73	39.7	39.9	39.1	11.01	11.31	11.63
Electric and electronic equipment	435.13	433.24	406.13	43.6	42.6	41.4	9.98	10.17	9.81
Transportation equipment	812.11	637.32	597.06	55.7	49.1	46.5	14.58	12.98	12.84
Nondurable Goods[e]	355.11	350.24	351.06	39.9	39.8	38.2	8.90	8.80	9.19
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	545.71	544.10	542.39	34.3	35.4	36.5	15.91	15.37	14.86
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	489.24	490.46	457.25	40.5	40.5	40.5	12.08	12.11	11.29
WHOLESALE TRADE	339.56	338.68	299.63	36.2	36.3	34.8	9.38	9.33	8.61
RETAIL TRADE[f]	168.19	168.20	158.71	29.2	29.1	28.7	5.76	5.78	5.53
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
Local government (includes education)	......	......	......	....	....	....	....	....	....

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Youngstown-Warren area is defined as Mahoning and Trumbull Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; furniture and fixtures; instruments and related products; miscellaneous manufacturing. [e] Includes food and kindred products; tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and misc. plastics products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

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NOTES ON OHIO EMPLOYMENT, HOURS, AND EARNINGS ESTIMATES

Civilian Labor Force Estimates

Civilian Labor Force.—Estimated number of workers 16 years of age and over, employed or unemployed during week including 12th of month, distributed by place of residence.

Total Employed.—Includes nonagricultural wage and salary workers, the self-employed, unpaid family workers, domestics, agricultural workers, and persons involved in labor disputes. Estimates of self-employed, domestics, and unpaid family workers based on data from U.S. Department of Labor and Bureau of the Census. Agricultural worker estimates derived from information supplied by U.S. Department of Agriculture. Estimates of workers involved in labor disputes based in part upon data from Federal Mediation and Conciliation Service. Employment distributed by place of residence.

Total Unemployed.—Estimated number of persons, by place of residence, who did not work during reference week and were looking for work, whether or not eligible for unemployment compensation. Includes those who did not work and were waiting to be called back to an old job or to report to a new job.

Nonagricultural Wage and Salary Employment

Collection.—Nonagricultural wage and salary employment as well as hours and earnings estimates based on monthly reports from sample of employers. Under cooperative arrangement with U.S. Bureau of Labor Statistics, Division of Research and Statistics of Ohio Bureau of Employment Services mails, edits, and processes Ohio reports, which are subsequently incorporated in national data.

Industrial Classification.—Employer establishments classified by industry on basis of their principal product or service. The Standard Industrial Classification Manual (U.S. Office of Management and Budget, Washington, D. C., 1972, amended 1977) used for classification.

Coverage.—Monthly reports on employment and (for most industries) payroll and hours obtained from approximately 8,000 Ohio employers.

Coverage of Ohio Nonagricultural Employment Sample

Industry Division	Approximate Percentage Covered by Sample
Total	43
Manufacturing	62
Nonmanufacturing	35
Mining	63
Construction	24
Transportation and Public Utilities	47
Wholesale Trade	19
Retail Trade	18
Finance, Insurance, and Real Estate	47
Services and Miscellaneous	21
Government	68

Nonagricultural Employment.—Persons who worked during, or received pay for, any part of pay periods which include 12th of month, distributed by place of employment. Includes persons on paid sick leave, paid holiday, or paid vacation. Excluded are persons laid off, on strike, or on unpaid vacation during entire reporting period. Proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers also excluded. Government employment covers only civilian employees. Full-time teachers considered employed during the summer vacation period, whether or not paid in those months.

Estimating Method.—Total employment is estimated from the employment of establishments reporting for two consecutive months, as follows:

$$\underset{\text{(current month)}}{\text{Total Employment}} = \underset{\text{(previous month)}}{\text{Total Employment}} \times \frac{\text{Sample Employment (current month)}}{\text{Sample Employment (previous month)}}$$

Benchmark Data.—Employment estimates compared annually with complete count of employment, by industry. Where revisions necessary, monthly estimates adjusted to new benchmark. Following revisions to new benchmark, industry data projected forward to current month by use of sample trends. Basic source of benchmark information is tabulations of employment data, by industry and area, compiled from contribution reports of employers covered under Ohio Unemployment Compensation Law.

Hours and Earnings

Method of Computing Averages.—Average hours computed by dividing total production worker hours worked during one week (the seven-day periods which include 12th of month) by number of production workers reported for such week. Average hourly earnings computed by dividing total production worker payroll for one week by total production worker hours for week. Average weekly earnings derived by multiplying average hourly earnings by average weekly hours.

Definitions.—Definitions of production or similar workers, payroll, and hours—from which average hours and earnings data are derived—follow:

Production Workers.—Includes working supervisors and all nonsupervisory workers (including group leaders and trainees) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping, maintenance, repair, janitorial and guard services, product development, auxiliary production for plant's own use (such as power plant), and record keeping and other services closely associated with production operations.

Nonsupervisory Workers.—Includes employees (not above working supervisory level) such as office and clerical workers, repairers, salespersons, operators, drivers, attendants, service employees, line installers, laborers, accountants, janitors, guards, and other employees whose services are closely associated with those of occupations listed.

Payroll.—Represents payroll for full- and part-time production, construction, or nonsupervisory workers who received pay for any part of pay periods which include 12th of month. Payroll is reported before deductions for social security, group insurance, withholding tax, bonds, and union dues; also includes pay for overtime, holidays, vacations, and sick leave paid directly by the firm. Bonuses (unless earned and paid regularly each pay period), tips, pay not earned in pay period reported (such as retroactive pay), and value of free rent, fuel, meals, or other payments in kind, excluded.

Hours.—Represents hours worked or paid for, during pay periods which include 12th of month, for production, construction, or nonsupervisory workers. Hours include time paid for holidays and vacations, and for sick leave when pay received directly from firm.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

Ohio Labor Market Information
BUREAU OF EMPLOYMENT SERVICES
JOB SERVICE OF OHIO
RICHARD F. CELESTE, *Governor*
DR. ROBERTA STEINBACHER, *Administrator*

5/10/84

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EMPLOYMENT, HOURS, AND EARNINGS IN OHIO
MARCH 1984

ERRATA

February 1984 data shown in the Nonagricultural Employment Historical Tables (pages 4, 5, and 9-11) of the March 1984 "Employment, Hours, and Earnings in Ohio" are incorrect. Replacement pages are attached. We regret the error.

EMPLOYMENT, HOURS, AND EARNINGS IN MAJOR METROPOLITAN AREAS

Akron.--Nonfarm wage and salary employment in Akron totaled 246,500 in March, up 1,100 from the previous month. The gain was concentrated in nonmanufacturing, due to seasonal increases in retailing, construction, and university employment. Manufacturing totaled 66,800 for March, up 300 from February. Production workers in factories averaged $10.84 per hour--up 9¢ for the month--for a workweek unchanged at 43.9 hours.

Canton.--Wage and salary employment in Canton's nonagricultural industries rose 800 from February, to 144,600 in March. Improvement in nondurable goods lifted manufacturing by 300, to 45,200. Mixed seasonal patterns netted an increase in nonmanufacturing. Production workers in factories grossed $10.91 per hour for a workweek of 40.9 hours, little changed from February averages.

Cincinnati.--Nonfarm wage and salary employment in the Cincinnati area totaled 576,300 in March, 4,100 above the February level. The seasonal rebound in construction, retail trade, and services was responsible for most of the gain. Factory employment advanced to 143,600, an increase of 400 from March, due to widespread gains in nondurable goods. Production workers in manufacturing industries averaged 41.7 hours per week, up .2 hours from February. Their average earnings rose slightly to $10.39 per hour.

Cleveland.--Cleveland's nonagricultural payroll employment rose 3,600 from February, to 821,100 in March. Nonmanufacturing accounted for over three-fourths of the gain, with seasonal advances in services, retail trade, and construction. Manufacturing workers numbered 211,900, up 700 from the previous month, due to increases in both durable and nondurable goods production. Factory production workers averaged 42.3 hours per week at $10.78 per hour, up slightly from February.

Columbus.--Nonfarm payroll employment in Columbus advanced by 2,900, to 508,800 in March. Widespread gains among nonmanufacturing industries--notably services and retail trade--accounted for the increase. Losses in nondurable-goods industries offset gains in durable goods, holding total manufacturing on a par with February, at 87,000. Hourly earnings of factory production workers were unchanged from February, at $10.23. The workweek was fractionally higher, at 40.5 hours.

Dayton.--Dayton's nonfarm establishments employed 341,300 wage and salary workers in March, up 1,500 from February. Manufacturing expanded by 400, to 91,300. A seasonal pickup in services, retail trade, and construction lifted nonmanufacturing for the month. Production workers in factories grossed $11.10 per hour, up 6¢ from February. Their workweek in March was unchanged from the previous month, at 42.8 hours.

Toledo.--Nonagricultural industries in the Toledo area employed 287,700 workers in March, up 1,300 from the previous month. The advance occurred in nonmanufacturing, due to seasonal hiring in services, construction, and retailing. Losses in nondurable goods offset gains in durable goods for little change in manufacturing, at 75,600 for the month. The workweek and hourly earnings for the average factory production worker gained .2 hours and 4¢, respectively, to 43.7 hours and $11.52 per hour.

Youngstown-Warren.--Nonfarm payroll employment in the Youngstown-Warren area rose 600 from February, to 179,000 in March. Declines in durable goods lowered manufacturing to 55,300, down 300 from the previous month. Seasonal gains in services and retail trade lifted nonmanufacturing for the overall increase. Production workers in factories averaged $13.12 per hour for a workweek of 45.1 hours in March, up 46¢ and 1.3 hours from February.

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EMPLOYMENT IN MAJOR METROPOLITAN AREAS[a]

Year and Month	Akron[b]	Canton[c]	Cincinnati[d]	Cleveland[e]	Columbus[f]	Dayton[g]	Toledo[h]	Youngstown-Warren[j]
	NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT (in thousands)							
1973	255.1	147.9	594.5	865.2	451.0	335.6	285.8	211.6
1974	259.0	152.1	542.2	879.2	457.6	334.9	285.6	213.5
1975	248.4	145.0	531.2	850.6	445.4	321.4	275.5	200.7
1976	247.3	145.9	541.9	860.0	456.1	331.5	282.6	203.5
1977	259.3	149.8	562.1	880.9	471.6	343.1	292.1	208.0
1978	266.6	156.1	591.2	905.8	493.8	358.5	302.1	210.3
1979	270.9	160.7	607.4	919.8	507.3	364.9	306.0	213.9
1980	262.4	157.1	600.6	895.6	509.8	355.7	293.1	203.1
1981	259.6	156.6	592.2	880.7	506.6	352.5	290.9	198.7
1982	248.8	148.6	575.3	844.6	495.1	336.3	281.9	180.6
1983	245.0	143.6	573.7	826.0	500.0	335.4	281.0	177.6
1983								
March ...	239.8	140.4	563.2	812.4	488.3	330.4	271.9	174.1
April ...	242.5	141.9	570.6	818.0	495.0	332.4	276.2	176.4
May	246.0	143.8	575.3	825.5	499.7	334.8	281.8	178.7
June	242.9	144.9	578.8	838.5	503.8	337.4	281.1	179.4
July	245.4	144.5	573.0	832.8	498.0	331.4	277.6	178.9
August ..	244.3	143.9	571.8	825.5	496.3	331.4	277.5	177.3
September	251.3	146.1	580.8	834.9	504.9	340.7	287.3	182.3
October .	250.3	145.9	584.0	835.5	512.6	342.1	289.6	181.3
November.	251.4	146.7	585.5	835.7	514.7	343.9	291.1	182.0
December.	250.9	146.7	583.8	837.9	515.7	344.3	291.1	182.0
1984								
January .	243.2	143.3	573.1	819.0	503.8	339.3	284.3	178.4
February.	245.4	143.8	572.2	817.5	505.9	339.8	286.4	178.4
March ...	246.5	144.6	576.3	821.1	508.8	341.3	287.7	179.0
	MANUFACTURING EMPLOYMENT (in thousands)							
1973	94.0	61.7	165.5	288.1	106.0	117.7	93.4	93.9
1974	94.2	62.2	166.6	287.1	104.3	113.1	89.8	92.0
1975	84.5	55.3	153.9	260.3	93.1	100.1	80.7	80.8
1976	80.3	54.8	155.6	265.1	94.2	104.0	84.8	80.6
1977	85.6	56.0	161.1	270.8	98.9	109.2	88.2	81.1
1978	85.9	57.1	169.2	275.6	101.2	112.0	90.5	79.4
1979	85.6	59.1	173.1	276.3	101.1	109.5	88.6	79.9
1980	79.1	55.7	162.4	254.9	96.8	99.4	75.4	70.8
1981	75.7	54.8	157.3	246.8	93.1	97.8	74.6	67.3
1982	68.3	47.6	146.3	223.0	85.9	87.6	69.0	52.9
1983	65.1	43.6	140.7	207.6	84.0	86.2	69.1	53.0
1983								
March ...	64.1	42.5	138.3	205.5	82.2	83.8	63.2	52.1
April ...	64.7	42.5	139.7	205.1	82.8	84.5	65.8	52.6
May	64.7	43.3	139.0	206.1	83.2	85.3	67.8	52.9
June	65.0	44.4	140.5	207.8	83.5	86.0	68.8	53.3
July	65.5	44.3	140.0	206.2	83.5	85.2	68.9	53.9
August ..	65.6	44.1	141.8	206.5	84.3	86.1	70.0	53.1
September	66.0	44.6	141.4	209.9	85.3	88.6	72.7	55.2
October .	66.1	44.2	144.2	210.9	86.6	88.7	73.2	54.9
November.	66.4	44.8	144.8	211.6	86.8	89.8	73.9	55.2
December.	66.2	44.9	141.7	212.1	86.2	90.2	74.0	55.6
1984								
January .	66.1	44.7	143.2	211.6	86.2	90.4	74.6	55.8
February.	66.5	44.9	143.3	211.2	87.0	90.9	75.5	55.6
March ...	66.8	45.2	143.6	211.9	87.0	91.3	75.6	55.3

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. [b] Akron includes Portage and Summit Counties. [c] Canton includes Carroll and Stark Counties. [d] Cincinnati includes Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. [e] Cleveland includes Cuyahoga, Geauga, Lake, and Medina Counties. [f] Columbus includes Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. [g] Dayton includes Greene, Miami, Montgomery, and Preble Counties. [h] Toledo includes Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. [j] Youngstown-Warren includes Mahoning and Trumbull Counties.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

MANUFACTURING PRODUCTION WORKERS AND AVERAGE WEEKLY HOURS IN MAJOR METROPOLITAN AREAS[a]

Year and Month	Akron[b]	Canton[c]	Cincinnati[d]	Cleveland[e]	Columbus[f]	Dayton[g]	Toledo[h]	Youngstown-Warren[j]
	MANUFACTURING PRODUCTION WORKERS (in thousands)							
1973	55.5	46.3	115.2	200.4	74.1	85.0	66.5	75.6
1974	56.1	46.9	115.3	199.5	71.2	79.5	63.1	74.2
1975	48.4	40.5	106.3	176.0	64.2	70.9	55.1	63.3
1976	44.5	40.4	107.8	180.9	65.4	73.4	59.3	63.3
1977	49.2	41.1	110.7	184.0	68.6	75.7	62.8	63.6
1978	49.4	42.2	116.4	188.0	70.1	77.5	64.1	62.5
1979	53.8	43.2	117.0	188.6	69.1	74.4	61.7	62.5
1980	47.5	40.1	106.6	169.2	64.6	65.5	49.6	54.1
1981	43.7	39.6	103.5	161.8	61.3	64.4	49.2	50.8
1982	36.9	33.3	95.5	141.8	55.1	55.6	45.2	38.1
1983	35.6	30.8	92.2	132.1	54.2	54.9	47.2	39.3
1983								
March ...	34.6	29.7	89.8	129.4	52.4	52.9	40.7	38.0
April ...	35.2	29.7	90.9	129.6	53.2	53.5	43.7	38.6
May	35.3	30.4	90.5	130.8	53.5	54.2	45.7	39.0
June	35.4	31.4	91.7	132.2	53.9	54.7	46.9	39.5
July	35.8	31.3	91.4	130.4	53.8	53.7	47.0	40.2
August ..	36.1	31.2	93.4	131.2	54.5	54.4	48.3	39.4
September	36.4	31.6	93.1	134.8	55.5	57.0	50.9	41.7
October .	36.5	31.4	95.9	135.8	56.7	57.4	51.6	41.5
November.	37.0	31.9	96.8	136.7	56.8	58.3	52.5	41.8
December.	36.8	32.1	93.8	137.0	56.6	58.7	52.7	42.2
1984								
January .	36.8	31.7	95.4	136.5	56.8	58.8	53.3	42.3
February.	37.1	31.8	95.5	136.3	57.4	59.3	54.2	42.2
March ...	37.2	32.0	95.8	137.0	57.3	59.6	54.3	41.9
	MANUFACTURING PRODUCTION WORKERS' AVERAGE WEEKLY HOURS							
1973	43.0	41.0	42.2	43.2	40.8	43.3	43.1	42.9
1974	42.3	40.1	41.4	42.1	39.7	41.0	41.2	40.7
1975	41.1	39.4	40.8	40.4	39.6	41.3	40.4	38.6
1976	42.1	39.6	41.1	41.9	40.1	43.2	41.5	39.5
1977	42.3	39.7	41.6	42.8	40.3	43.5	42.7	40.4
1978	42.3	40.3	42.1	42.9	40.4	42.8	42.4	41.4
1979	41.6	40.9	41.5	42.2	40.1	42.1	40.9	40.7
1980	41.5	39.0	41.2	40.6	39.5	41.5	40.6	39.9
1981	41.8	40.0	41.1	41.1	40.0	41.4	40.9	40.8
1982	41.0	38.6	40.5	39.9	39.8	40.0	41.1	39.3
1983	43.1	39.6	41.1	40.9	40.7	41.9	42.9	42.1
1983								
March ...	43.3	39.1	40.8	40.1	40.4	40.8	42.0	41.1
April ...	42.5	39.5	40.8	40.4	40.2	41.1	42.5	41.3
May	42.6	38.9	40.8	40.6	40.3	41.1	42.7	42.4
June	42.3	39.8	41.3	41.3	40.8	42.0	42.2	41.4
July	42.4	38.8	40.9	40.6	40.5	42.1	41.9	42.7
August ..	42.9	39.2	40.8	41.0	40.5	42.1	42.6	41.3
September	43.5	40.8	41.3	41.7	40.8	43.0	43.9	42.4
October .	43.2	40.2	41.3	41.5	41.0	42.7	43.9	43.9
November.	44.0	40.7	42.0	41.8	41.6	42.8	44.5	43.6
December.	45.5	40.8	42.4	42.3	42.3	43.9	44.5	43.2
1984								
January .	43.9	40.4	41.7	41.9	41.2	43.2	43.1	44.7
February.	43.9	41.0	41.5	42.2	40.4	42.8	43.5	43.8
March ...	43.9	40.9	41.7	42.3	40.5	42.8	43.7	45.1

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. [b] Akron includes Portage and Summit Counties. [c] Canton includes Carroll and Stark Counties. [d] Cincinnati includes Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. [e] Cleveland includes Cuyahoga, Geauga, Lake, and Medina Counties. [f] Columbus includes Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. [g] Dayton includes Greene, Miami, Montgomery, and Preble Counties. [h] Toledo includes Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. [j] Youngstown-Warren includes Mahoning and Trumbull Counties. [k] Not comparable to prior data due to change in sample composition.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

EARNINGS IN MAJOR METROPOLITAN AREAS[a]

Year and Month	Akron[b]	Canton[c]	Cincinnati[d]	Cleveland[e]	Columbus[f]	Dayton[g]	Toledo[h]	Youngstown-Warren[j]
	MANUFACTURING PRODUCTION WORKERS' AVERAGE HOURLY EARNINGS							
1973	$ 4.99	$ 4.80	$ 4.44	$ 4.83	$ 4.36	$ 5.00	$ 5.01	$ 5.29
1974	5.28	5.24	4.82	5.21	4.73	5.29	5.39	5.80
1975	5.66	5.64	5.19	5.63	5.18	5.73	5.80	6.39
1976	6.02	6.18	5.65	6.22	5.64	6.28	6.32	7.02
1977	6.75	6.88	6.27	6.84	6.08	6.92	7.00	7.76
1978	7.19	7.56	6.81	7.50	6.55	7.38	7.53	8.54
1979	7.73	8.09	7.31	8.00	7.05	8.00	8.14	9.27
1980	8.72	8.79	8.06	8.63	7.73	8.65	8.90	10.27
1981	9.50	9.76	8.78	9.62	8.67	9.61	9.93	11.62
1982	9.83	10.22	9.57	10.10	9.31	10.02	10.89	11.72
1983	10.49	10.66	10.11	10.45	9.97	10.61	11.28	12.38
1983								
March ...	10.34	10.41	10.01	10.25	9.76	10.31	10.99	12.21
April ...	10.24	10.39	10.06	10.31	9.87	10.35	11.14	12.22
May	10.35	10.53	10.10	10.42	9.90	10.47	11.29	12.45
June	10.34	10.63	10.11	10.49	10.01	10.56	11.14	12.33
July	10.35	10.59	10.12	10.43	10.04	10.72	11.16	12.54
August ..	10.40	10.75	10.18	10.42	9.95	10.58	11.25	12.25
September	10.61	10.84	10.10	10.57	10.06	10.80	11.40	12.40
October .	10.82	10.78	10.23	10.55	10.11	10.86	11.43	12.58
November.	10.85	10.84	10.34	10.62	10.14	10.91	11.57	12.54
December.	11.01	10.88	10.29	10.68	10.35	11.11	11.57	12.68
1984								
January .	10.77	10.85	10.39	10.70	10.33	11.07	11.42	12.89
February.	10.75	10.91	10.37	10.76	10.23	11.04	11.48	12.66
March ...	10.84	10.91	10.39	10.78	10.23	11.10	11.52	13.12
	MANUFACTURING PRODUCTION WORKERS' AVERAGE WEEKLY EARNINGS							
1973	$214.57	$196.80	$187.37	$208.66	$177.89	$216.50	$215.93	$226.94
1974	223.34	210.12	199.55	219.34	187.78	216.89	222.07	236.06
1975	232.63	222.22	211.75	227.45	205.13	236.65	234.32	246.65
1976	253.44	244.73	232.22	260.62	226.16	271.30	262.28	277.29
1977	285.53	273.14	260.83	292.75	245.02	301.02	298.90	313.50
1978	304.14	304.67	286.70	321.75	264.62	315.86	319.27	353.56
1979	321.57	330.88	303.37	337.60	282.71	336.80	332.93	377.29
1980	361.88	342.81	332.07	350.38	305.34	358.98	361.34	409.77
1981	397.10	390.40	360.86	395.38	346.80	397.85	406.14	474.10
1982	403.03	394.49	387.59	402.99	370.54	400.80	447.58	460.60
1983	452.12	422.14	415.52	427.41	405.78	444.56	483.91	521.20
1983								
March ...	447.72	407.03	408.41	411.03	394.30	420.65	461.58	501.83
April ...	435.20	410.41	410.45	416.52	396.77	425.39	473.45	504.69
May	440.91	409.62	412.08	423.05	398.97	430.32	482.08	527.88
June	437.38	423.07	417.54	433.24	408.41	443.52	470.11	510.46
July	438.84	410.89	413.91	423.46	406.62	451.31	467.60	535.46
August ..	446.16	421.40	415.34	427.22	402.98	445.42	479.25	505.93
September	461.54	442.27	417.13	440.77	410.45	464.40	500.46	525.76
October .	467.42	433.36	422.50	437.83	414.51	463.72	501.78	552.26
November.	477.40	441.19	434.28	443.92	421.82	466.95	514.87	546.74
December.	500.96	443.90	436.30	451.76	437.81	487.73	514.87	547.78
1984								
January .	472.80	438.34	433.26	448.33	425.60	478.22	492.20	576.18
February.	471.93	447.31	430.36	454.07	413.29	472.51	499.38	554.51
March ...	475.88	446.22	433.26	455.99	414.32	475.08	503.42	591.71

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. [b] Akron includes Portage and Summit Counties. [c] Canton includes Carroll and Stark Counties. [d] Cincinnati includes Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. [e] Cleveland includes Cuyahoga, Geauga, Lake, and Medina Counties. [f] Columbus includes Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. [g] Dayton includes Greene, Miami, Montgomery, and Preble Counties. [h] Toledo includes Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. [j] Youngstown-Warren includes Mahoning and Trumbull Counties.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

CIVILIAN LABOR FORCE ESTIMATES[a]
(not seasonally adjusted)

Year and Month	OHIO (in thousands)			Unemployment Rate	
	Civilian Labor Force	Total Employed	Total Unemployed	OHIO	U.S.
1973	4,621	4,423	198	4.3	4.9
1974	4,708	4,483	225	4.8	5.6
1975	4,721	4,292	429	9.1	8.5
1976	4,749	4,378	370	7.8	7.7
1977	4,830	4,518	312	6.5	7.1
1978	4,956	4,688	268	5.4	6.1
1979	5,056	4,758	298	5.9	5.8
1980	5,088	4,661	427	8.4	7.1
1981	5,098	4,606	492	9.6	7.6
1982	5,114	4,474	640	12.5	9.7
1983	5,110	4,488	622	12.2	9.6
1983					
March ...	5,015	4,329	686	13.7	10.8
April ...	5,076	4,425	651	12.8	10.0
May	5,153	4,491	663	12.9	9.8
June	5,253	4,583	670	12.8	10.2
July	5,287	4,710	577	10.9	9.4
August ..	5,229	4,666	563	10.8	9.2
September	5,108	4,541	567	11.1	8.8
October .	5,159	4,611	548	10.6	8.4
November.	5,146	4,582	564	11.0	8.1
December.	5,040	4,513	528	10.5	8.0
1983					
January .	4,964	4,452	512	10.3	8.8
February.	4,925	4,426	499	10.1	8.4
March ...	4,940	4,415	525	10.6	8.1

OHIO NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT[a]
(in thousands)

Year and Month	Total Nonagricultural	Manufacturing	Nonmanufacturing
1973	4,112.9	1,426.3	2,686.5
1974	4,169.4	1,416.6	2,752.8
1975	4,016.2	1,267.5	2,748.7
1976	4,094.5	1,295.3	2,799.3
1977	4,230.1	1,344.1	2,885.9
1978	4,394.8	1,377.2	3,017.6
1979	4,484.7	1,382.3	3,102.5
1980	4,367.4	1,264.3	3,103.0
1981	4,317.6	1,232.6	3,085.1
1982	4,124.2	1,099.9	3,024.4
1983	4,083.8	1,066.9	3,017.0
1983			
March ...	3,995.3	1,039.3	2,956.0
April ...	4,041.8	1,047.6	2,994.2
May	4,088.7	1,054.8	3,033.9
June	4,116.8	1,064.1	3,052.7
July	4,082.0	1,062.2	3,019.8
August ..	4,074.0	1,074.7	2,999.3
September	4,157.0	1,094.3	3,062.7
October .	4,170.0	1,099.1	3,070.9
November.	4,177.5	1,104.4	3,073.1
December.	4,176.1	1,101.9	3,074.2
1984			
January .	4,083.3	1,101.0	2,982.3
February.	4,095.2	1,108.2	2,987.0
March ...	4,119.8	1,112.8	3,007.0

OHIO NONMANUFACTURING WAGE AND SALARY EMPLOYMENT[a] (in thousands)

Year and Month	Mining	Construction	Transportation and Utilities	Wholesale Trade	Retail Trade	Finance, Insurance, Real Estate	Services	Government
1973	22.9	175.5	224.9	197.7	654.9	169.0	643.9	597.8
1974	24.2	172.3	227.8	205.7	668.1	171.9	669.7	613.1
1975	26.8	154.9	213.2	203.5	664.5	173.1	686.3	626.4
1976	28.2	154.2	213.7	208.4	682.4	177.0	703.2	632.2
1977	29.1	162.8	219.1	214.6	703.1	183.4	731.4	642.3
1978	29.0	176.6	225.0	226.0	730.4	191.1	772.1	667.5
1979	31.6	182.9	232.1	232.8	742.4	200.6	806.2	674.0
1980	30.7	167.4	223.1	230.6	726.6	203.8	830.9	689.9
1981	30.7	153.7	217.2	232.5	717.7	205.8	851.5	676.0
1982	30.3	134.6	206.8	226.0	703.4	206.4	857.3	659.6
1983	26.6	128.6	197.3	219.6	703.3	209.6	874.6	657.5
1983								
March ...	25.2	109.3	194.6	216.6	677.4	205.9	856.1	671.0
April ...	25.2	116.1	196.9	218.2	694.4	207.2	868.7	667.7
May	25.6	126.4	199.1	219.5	705.9	208.7	877.5	671.3
June	27.0	135.7	201.4	221.6	713.1	211.3	888.2	654.5
July	27.4	140.8	201.5	221.4	709.8	212.2	883.2	623.4
August ..	27.4	142.2	184.6	221.3	712.4	212.3	883.0	616.2
September	27.5	144.6	201.0	221.2	714.8	211.8	891.3	650.4
October .	27.5	145.0	200.7	221.5	709.6	211.5	888.8	666.3
November.	27.4	140.9	199.6	221.1	717.8	211.5	884.2	670.6
December.	27.1	130.9	200.2	221.3	730.4	212.1	880.7	671.5
1984								
January .	27.0	115.0	193.1	218.3	693.6	210.8	868.3	656.3
February.	26.7	111.8	193.1	217.9	682.4	210.3	875.0	669.9
March ...	27.1	114.7	193.7	218.8	688.6	210.7	882.2	671.2

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[a] Estimated in cooperation with U.S. Department of Labor. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates and averages computed from unrounded figures. All data exclude military personnel.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

EMPLOYMENT, HOURS, AND EARNINGS IN MANUFACTURING IN OHIO[a]

Year and Month	Manufacturing Employment (in thousands)			Production Workers in Manufacturing		
	All Manufacturing	Durable Goods	Nondurable Goods	Production Workers (in thousands)	Aggregate Weekly Payroll (in millions)	Aggregate Weekly Hours (in millions)
1973	1,426.3	1,018.2	408.1	1,046.7	$210.8	44.3
1974	1,416.6	1,013.1	403.5	1,028.7	217.4	42.4
1975	1,267.5	892.4	375.1	897.8	201.5	36.2
1976	1,295.3	910.6	384.6	926.1	233.9	38.2
1977	1,344.1	945.2	398.9	958.0	271.2	40.2
1978	1,377.2	974.5	402.7	985.5	302.5	41.5
1979	1,382.3	980.5	401.8	979.0	318.5	40.6
1980	1,264.3	882.6	381.8	867.8	301.9	35.2
1981	1,232.6	860.4	372.2	847.7	330.4	34.7
1982	1,099.9	752.4	347.5	735.7	297.1	29.5
1983	1,066.9	723.6	343.3	721.7	315.7	29.9
1983						
March ...	1,039.3	703.2	336.1	692.5	293.8	28.3
April ...	1,047.6	710.1	337.4	702.1	301.8	28.9
May	1,054.8	716.2	338.6	709.8	306.6	29.2
June	1,064.1	721.8	342.3	718.2	314.4	29.8
July	1,062.2	720.2	341.9	715.9	309.7	29.4
August ..	1,074.7	728.4	346.3	729.3	316.1	30.0
September	1,094.3	740.8	353.5	749.0	335.5	31.5
October .	1,099.1	748.1	351.0	755.4	340.1	31.7
November.	1,104.4	752.9	351.4	761.9	348.7	32.4
December.	1,101.9	749.8	352.0	760.2	352.4	32.5
1984						
January .	1,101.0	750.4	350.5	758.6	349.5	32.2
February.	1,108.2	756.9	351.3	765.6	351.5	32.5
March ...	1,112.8	760.7	352.1	769.6	357.7	32.8

Year and Month	Production Workers Average Weekly Earnings			Production Workers Average Weekly Hours			Production Workers Average Hourly Earnings		
	Manufacturing	Durable Goods	Nondurable Goods	Manufacturing	Durable Goods	Nondurable Goods	Manufacturing	Durable Goods	Nondurable Goods
1973	$201.35	$207.95	$185.89	42.3	42.7	41.4	$4.76	$4.87	$4.49
1974	211.36	216.94	196.17	41.2	41.4	40.7	5.13	5.24	4.82
1975	224.47	228.90	211.85	40.3	40.3	40.2	5.57	5.68	5.27
1976	252.54	258.75	235.00	41.2	41.4	41.3	6.10	6.25	5.69
1977	283.08	292.02	258.34	42.0	42.2	41.4	6.74	6.92	6.24
1978	306.91	316.83	279.30	42.1	42.3	41.5	7.29	7.49	6.73
1979	325.36	335.30	297.98	41.5	41.6	41.1	7.84	8.06	7.25
1980	347.94	358.57	319.99	40.6	40.7	40.2	8.57	8.81	7.96
1981	389.78	401.64	358.16	40.9	40.9	40.7	9.53	9.82	8.80
1982	403.81	414.80	378.95	40.1	40.0	40.4	10.07	10.37	9.38
1983	437.18	452.35	402.52	41.4	41.5	41.2	10.56	10.90	9.77
1983									
March ...	424.32	437.38	393.01	40.8	40.8	40.6	10.40	10.72	9.68
April ...	429.91	444.14	397.96	41.1	41.2	40.9	10.46	10.78	9.73
May	431.96	447.69	397.80	41.1	41.3	40.8	10.51	10.84	9.75
June	437.83	452.61	402.11	41.5	41.6	41.2	10.55	10.88	9.76
July	432.55	445.67	403.60	41.0	41.0	41.1	10.55	10.87	9.82
August ..	433.42	445.52	403.50	41.2	41.1	41.3	10.52	10.84	9.77
September	447.94	463.52	410.62	42.1	42.1	41.9	10.64	11.01	9.80
October .	450.24	458.68	408.78	42.0	42.3	41.5	10.72	11.08	9.85
November.	457.73	475.68	413.97	42.5	42.7	41.9	10.77	11.14	9.88
December.	463.52	483.15	419.05	42.8	43.1	42.2	10.83	11.21	9.93
1984									
January .	460.70	479.52	418.05	42.5	42.7	42.1	10.84	11.23	9.93
February.	459.19	478.67	414.24	42.4	42.7	41.8	10.83	11.21	9.91
March ...	464.77	483.64	418.32	42.6	42.8	42.0	10.91	11.30	9.96

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

EMPLOYMENT AND AVERAGE WEEKLY EARNINGS IN SELECTED MAJOR MANUFACTURING INDUSTRIES IN OHIO[a]

Year and Month	Stone, Clay and Glass Products	Primary Metal Industries	Fabricated Metal Products	Machinery, Except Electrical	Electric & Electronic Equipment	Transportation Equipment	Food and Kindred Products	Printing and Publishing	Rubber and Plastics Products
	EMPLOYMENT (in thousands)								
1973	73.3	173.3	175.2	219.9	134.1	167.2	76.4	67.7	109.8
1974	72.2	172.4	172.7	227.7	131.4	162.5	76.0	67.9	107.0
1975	65.0	151.5	150.9	207.7	112.3	140.8	73.5	64.8	94.8
1976	66.3	154.6	157.9	205.9	115.5	143.0	73.8	64.5	98.2
1977	67.1	157.7	166.5	210.7	120.9	151.8	74.4	65.4	107.4
1978	69.3	157.5	173.3	216.7	122.2	164.1	74.6	66.6	107.4
1979	69.7	158.9	175.5	223.6	117.6	165.8	74.4	67.6	106.7
1980	64.5	139.8	157.6	211.4	106.4	139.1	72.7	67.4	92.7
1981	61.0	138.3	154.9	204.2	101.9	136.9	69.2	66.1	89.0
1982	54.2	112.7	134.9	176.7	93.4	121.7	66.9	63.2	80.4
1983	52.7	104.5	130.9	153.1	90.2	131.6	64.5	62.3	82.4
1983									
March ...	50.2	102.8	126.6	151.3	88.0	126.3	62.7	62.4	78.7
April ...	51.7	103.1	127.6	151.5	89.5	127.7	62.6	62.2	79.8
May	52.1	103.4	128.5	152.4	89.6	130.2	62.6	62.3	80.6
June	53.1	103.5	129.8	152.0	90.0	132.1	64.2	62.4	81.5
July	53.3	103.0	129.4	152.1	89.7	131.6	64.0	61.9	82.1
August ..	54.0	105.1	132.2	152.6	89.6	132.8	66.4	61.9	83.5
September	54.8	107.4	134.6	154.8	91.5	134.8	69.5	62.6	85.6
October .	54.9	108.0	136.5	154.5	92.4	138.8	66.4	62.6	86.4
November.	55.0	109.8	137.8	155.3	92.4	139.9	65.2	62.8	87.4
December.	53.7	110.3	137.3	155.5	91.9	138.5	65.2	63.0	87.5
1984									
January .	52.9	110.6	137.7	156.6	91.8	138.4	64.5	62.8	87.9
February.	53.4	111.1	137.6	157.2	92.8	141.3	64.1	62.8	88.7
March ...	53.7	112.1	138.0	158.5	93.4	141.2	64.0	63.0	88.8
	AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS								
1973	$189.03	$228.72	$204.67	$208.80	$176.23	$241.01	$188.94	$203.06	$193.12
1974	194.21	246.03	213.62	219.05	184.61	244.91	204.89	211.14	199.92
1975	207.55	256.46	224.96	228.25	201.30	263.22	222.68	226.95	213.31
1976	232.40	294.58	256.68	253.31	221.54	302.87	242.92	252.20	237.30
1977	253.95	329.54	290.44	279.18	248.44	359.20	258.54	271.96	263.97
1978	274.81	366.24	307.23	306.16	268.45	389.66	281.15	285.18	282.73
1979	293.34	395.43	323.38	329.09	289.27	391.56	304.50	302.62	300.66
1980	315.43	422.01	349.34	352.77	316.31	414.83	329.85	320.92	323.61
1981	348.02	484.04	389.61	389.16	350.27	471.50	362.75	347.70	368.67
1982	376.88	480.54	398.77	392.63	366.56	506.99	386.04	358.45	381.11
1983	400.57	503.85	460.65	424.09	394.63	557.92	403.79	375.62	412.25
1983									
March ...	387.32	487.71	441.56	407.82	380.25	543.26	389.50	371.14	406.27
April ...	388.95	497.68	451.26	411.25	384.40	549.25	396.47	369.64	411.83
May	397.85	493.96	452.28	417.91	384.96	560.33	401.58	367.52	413.10
June	400.20	496.11	463.86	424.91	392.85	563.82	408.53	371.51	414.62
July	403.44	496.50	447.79	420.09	390.34	543.97	412.29	369.27	409.36
August ..	401.64	492.83	449.35	421.14	395.60	541.80	409.04	371.35	407.11
September	409.18	522.49	471.28	431.09	406.39	570.49	415.86	378.00	422.18
October .	412.17	514.18	479.45	436.31	408.04	581.79	396.89	384.94	425.87
November.	415.33	520.38	490.31	450.24	411.27	586.64	410.98	392.18	421.20
December.	421.16	525.79	505.52	463.54	415.17	588.60	420.30	393.97	422.61
1984									
January .	419.33	525.39	486.86	468.27	409.59	585.09	409.64	391.40	429.44
February.	417.08	540.99	485.57	468.07	420.51	565.46	411.04	391.30	423.36
March ...	420.16	540.58	483.48	466.95	413.17	599.73	417.21	390.25	427.39

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN OHIO[a]
MARCH 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	March 1984[b]	February 1984[c]	March 1983[c]	February 1984	March 1983
TOTAL	4119.8	4095.2	3995.3	.6	3.1
MANUFACTURING	1112.8	1108.2	1039.3	.4	7.1
Durable Goods[e]	760.7	756.9	703.2	.5	8.2
Lumber and wood products	15.0	14.8	12.7	1.3	17.8
Furniture and fixtures	14.1	14.2	12.9	-.6	10.0
Household furniture	6.6	6.7	6.0	-1.5	10.3
Stone, clay, and glass products	53.7	53.4	50.2	.5	7.0
Glass and glassware, pressed or blown	14.1	14.3	13.8	-1.2	2.4
Structural clay products	4.3	4.1	4.3	5.7	.4
Pottery and related products	5.2	5.4	5.4	-2.9	-3.9
Primary metal industries	112.1	111.1	102.8	.9	9.1
Blast furnace and basic steel products	55.5	55.1	52.2	.7	6.4
Iron and steel foundries	22.5	22.4	19.8	.8	13.6
Nonferrous rolling and drawing	18.7	18.9	17.5	-.9	6.6
Nonferrous foundries	9.1	9.0	7.8	.9	17.1
Fabricated metal products	138.0	137.6	126.6	.3	9.0
Cutlery, hand tools, and hardware	11.4	11.2	10.8	1.8	5.9
Plumbing and heating, except electric	4.8	4.8	4.0	.3	21.0
Fabricated structural metal products	28.5	28.5	28.2	.0	1.2
Screw machine products, bolts, etc.	8.7	8.7	8.2	-.6	5.8
Metal forgings and stampings	43.4	42.9	37.3	1.0	16.3
Machinery, except electrical	158.5	157.2	151.3	.8	4.8
Construction and related machinery	15.6	15.5	16.5	.5	-5.6
Metalworking machinery	39.0	38.7	38.6	.9	1.0
Special industry machinery	16.4	16.2	15.8	1.4	3.7
General industrial machinery	31.3	30.9	28.5	1.2	9.9
Electric and electronic equipment	93.4	92.8	88.0	.7	6.2
Electrical industrial apparatus	18.9	18.9	18.9	.4	.1
Household appliances	16.9	16.7	15.0	.9	12.2
Electric lighting and wiring equipment	18.4	18.4	17.8	.3	3.4
Communication equipment	10.1	10.0	10.1	1.3	-.5
Transportation equipment	141.2	141.3	126.3	-.1	11.8
Motor vehicles and equipment	94.8	95.1	82.5	-.3	15.0
Aircraft and parts	38.1	37.8	35.6	.7	6.8
Instruments and related products	21.5	21.5	19.8	-.1	8.6
Measuring and controlling devices	12.7	12.7	11.7	.2	8.8
Nondurable Goods[f]	352.1	351.3	336.1	.2	4.8
Food and kindred products	64.0	64.1	62.7	-.2	2.1
Meat products	10.3	10.2	9.4	.7	8.5
Dairy products	10.4	10.3	10.2	.4	1.2
Bakery products	9.9	9.8	9.6	1.7	3.4
Beverages	10.4	10.3	10.4	.8	.3
Textile mill products	4.7	4.7	4.2	.4	11.1
Apparel and other textile products	17.3	17.0	15.8	1.8	9.7
Paper and allied products	35.6	35.4	34.5	.7	3.4
Paper mills, except building paper	9.5	9.5	9.0	.4	5.7
Misc. converted paper products	11.6	11.5	11.2	.9	3.1
Paperboard containers and boxes	11.6	11.5	11.2	.9	4.0
Printing and publishing	63.0	62.8	62.4	.2	1.0
Newspapers	18.1	18.0	17.9	.1	.9
Commercial printing	23.3	23.0	22.8	1.3	2.4
Chemicals and allied products	64.2	64.1	63.7	.1	.9
Industrial inorganic chemicals	11.5	11.4	11.7	.9	-2.1
Plastics materials and synthetics	8.8	8.9	8.9	-.7	-.8
Petroleum and coal products	9.4	9.4	8.9	.4	5.6
Rubber and misc. plastics products	88.8	88.7	78.7	.1	12.8
Tires and inner tubes	20.4	20.3	20.2	.1	.9
Miscellaneous plastics products	47.5	47.4	39.7	.4	19.7
Leather and leather products	5.0	5.0	5.1	-.5	-2.8

See footnotes at end of table.

Ohio Labor Market Information
BUREAU OF EMPLOYMENT SERVICES
JOB SERVICE OF OHIO

RICHARD F. CELESTE, *Governor*
DR. ROBERTA STEINBACHER, *Administrator*

EMPLOYMENT, HOURS, AND EARNINGS IN OHIO
APRIL 1984

Summary: Ohio's seasonally adjusted unemployment rate declined from 10.2 percent of the civilian labor force in March to 10.0 percent in April. On an unadjusted basis, the rate dropped from 10.6 to 9.8 percent, as the number of unemployed fell by 36,000, to 489,000 in April. Total employment advanced 2.1 percent, to 4,506,000. The number of nonfarm wage and salary workers rose 1.1 percent, to 4,167,000. Mixed trends in overtime production raised factory earnings slightly, with no change in the average workweek.

Factory Employment: Employment in Ohio's manufacturing industries totaled 1,116,000 in April, up .3 percent from March. Nonelectrical machinery industries recorded moderate advances. Recalls in metal stampings paced gains in fabricated metals. Food processors accounted for the improvement in nondurable goods. Fewer orders led to declines, however, in leather products and household appliances.

Nonmanufacturing Employment: Ohio's nonmanufacturing establishments employed 3,050,000 workers in April, up 1.4 percent from March. The advance stemmed largely from increased outdoor activities, as weather conditions improved. Hiring by refreshment stand operators boosted retailing, while outdoor amusements accounted for much of the gain in services. Seasonal growth also occurred in construction and Great Lakes shipping.

Factory Hours and Earnings: Average weekly earnings of Ohio's factory production workers rose $1.28 from March's record level, to a new high of $465.38 in April. The average workweek was unchanged, at 42.5 hours. Among nondurable-goods industries, higher averages in meat and bakery products, commercial printing, and industrial inorganic chemicals were attributed to stepped-up overtime. In durable goods, overtime was responsible for higher averages in communication equipment, electric lighting and wiring apparatus, and metal stampings. Effects were moderated, however, by overtime cutbacks in motor vehicles, nonferrous wire, iron and steel castings, and hardware.

Over the Year: Ohio's unemployment rate (unadjusted seasonally) fell from 12.8 percent of the civilian labor force in April 1983 to 9.8 percent in April 1984. The number of jobless workers dropped by 162,000 in the same period. Total employment advanced 1.8 percent, while the nonagricultural wage and salary sector gained 3.1 percent. Manufacturing rose nearly 70,000 over the year, with greatest improvement in transportation equipment, fabricated and primary metals, and rubber and plastics. Growth in services accounted for nearly half the gain in nonmanufacturing industries, but substantial improvement was also recorded for retail trade and construction. Weekly earnings of production workers in factories rose $35.47 over the year, as their average workweek was extended by 1.4 hours.

For additional information, write DIXIE SOMMERS, *Director*
Labor Market Information Division, BUREAU OF EMPLOYMENT SERVICES, COLUMBUS 43216

EMPLOYMENT, HOURS, AND EARNINGS IN MAJOR METROPOLITAN AREAS

Akron.--Nonfarm wage and salary employment in the Akron area totaled 249,700 in April, 3,300 above the March level. The seasonal pickup in services, retailing, and construction was responsible for most of the gain. Factory employment advanced to 67,100, an increase of 400 from April, due to gains in durable goods. Production workers in manufacturing industries averaged $10.78 an hour for a workweek of 43.8 hours, little changed from March levels.

Canton.--Nonfarm payroll employment in Canton advanced 1,900, to 146,900 in April. Widespread gains among nonmanufacturing industries--notably retail trade and services--accounted for the increase. Losses in durable-goods industries offset gains in nondurable goods, resulting in little change in manufacturing, at 45,500 in April. Hourly earnings of factory production workers increased slightly to $10.91 for the month. The workweek was down .3 hours from March, to 40.5 hours.

Cincinnati.--Cincinnati's nonagricultural payroll employment rose 7,700 from March, to 584,400 in April. Nonmanufacturing accounted for over 90 percent of the gain, with seasonal advances in services, retail trade, and construction. Manufacturing workers numbered 144,700, up 600 from the previous month, due to increases in both durable and nondurable goods production. Factory production workers averaged 42.2 hours per week at $10.58 per hour, up .4 hours and 13¢ from March.

Cleveland.--Nonfarm payroll employment in Cleveland rose 5,900 from March, to 827,000 in April. A cutback in motor vehicles lowered manufacturing to 211,400, down 200 from the previous month. Seasonal gains in services, retailing, and construction boosted nonmanufacturing for the overall increase. Production workers in factories averaged $10.80 per hour for a workweek of 42.2 hours in April, little changed from March.

Columbus.--Columbus' nonfarm establishments employed 514,100 wage and salary workers in April, up 5,000 from March. Manufacturing expanded by 300, to 87,200. A seasonal pickup in retail trade, services, and construction lifted nonmanufacturing for the month. Production workers in factories grossed $10.24 per hour, up 4¢ from March. Their workweek in April was .3 hours longer, at 40.7 hours for the month.

Dayton.--Wage and salary employment in Dayton's nonagricultural industries rose 2,300 from March, to 343,500 in April. Manufacturing was unchanged for the month, at 91,100. Widespread increases in various industries, notably retail trade and construction, boosted nonmanufacturing. Production workers in factories grossed $11.15 per hour for a workweek of 43.0 hours, up 3¢ and .2 hours from March averages.

Toledo.--Nonfarm wage and salary employment in Toledo totaled 291,000 in April, up 2,800 from the previous month. The gain occurred in nonmanufacturing, due mainly to seasonal increases in retail trade and services. Manufacturing totaled 75,700 for April, unchanged from March, as gains in durable goods were offset by a labor-management dispute in nondurable goods. Production workers in factories averaged $11.58 per hour--unchanged for the month--for a slightly shorter workweek of 43.7 hours.

Youngstown-Warren.--Nonagricultural industries in the Youngstown-Warren area employed 181,300 workers in April, up 2,300 from the previous month. The advance was concentrated in nonmanufacturing, due to seasonal hiring in services, retail trade, and construction. Gains in durable goods lifted manufacturing to 56,100, up 600 for the month. The workweek and hourly earnings for the average factory production worker slipped 1.3 hours and 22¢, respectively, to 43.6 hours and $12.87 per hour.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 5-21-84

EMPLOYMENT IN MAJOR METROPOLITAN AREAS[a]

Year and Month	Akron[b]	Canton[c]	Cincinnati[d]	Cleveland[e]	Columbus[f]	Dayton[g]	Toledo[h]	Youngstown-Warren[j]
	NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT (in thousands)							
1973	255.1	147.9	534.5	865.2	451.0	335.6	285.8	211.6
1974	259.0	152.1	542.2	879.2	457.6	334.9	285.6	213.5
1975	248.4	145.0	531.2	850.6	445.4	321.4	275.5	200.7
1976	247.3	145.9	541.9	860.0	456.1	331.5	282.6	203.5
1977	259.3	149.8	562.1	880.9	471.6	343.1	292.1	208.0
1978	266.6	156.1	591.2	905.8	493.8	358.5	302.1	210.3
1979	270.9	160.7	607.4	919.8	507.3	364.9	306.0	213.9
1980	262.4	157.1	600.6	895.6	509.8	355.7	293.1	203.1
1981	259.6	156.6	592.2	880.7	506.6	352.5	290.9	198.7
1982	248.8	148.6	575.3	844.6	495.1	336.3	281.9	180.6
1983	245.0	143.6	573.7	826.0	500.0	335.4	281.0	177.6
1983								
April ...	242.5	141.9	570.6	818.0	495.0	332.4	276.2	176.4
May	246.0	143.8	575.3	825.5	499.7	334.8	281.8	178.7
June	242.9	144.9	578.8	838.5	503.8	337.4	281.1	179.4
July	245.4	144.5	573.0	832.9	498.0	331.4	277.6	178.9
August ..	244.3	143.9	571.8	825.5	496.3	331.4	277.5	177.3
September	251.3	146.1	580.8	834.9	504.9	340.7	287.3	182.3
October .	250.3	145.9	584.0	835.5	512.6	342.1	289.6	181.3
November.	251.4	146.7	585.5	835.7	514.7	343.9	291.1	182.0
December.	250.9	146.7	583.8	837.9	515.7	344.3	291.1	182.0
1984								
January .	243.2	143.3	573.1	819.0	503.8	339.3	284.3	178.4
February.	245.4	143.8	572.2	817.5	505.9	339.8	286.4	178.4
March ...	246.4	145.0	576.7	821.2	509.1	341.2	288.2	179.0
April ...	249.7	146.9	584.4	827.0	514.1	343.5	291.0	181.3
	MANUFACTURING EMPLOYMENT (in thousands)							
1973	94.0	61.7	165.5	288.1	106.0	117.7	93.4	93.0
1974	94.2	62.2	166.6	287.1	104.3	113.1	89.8	92.0
1975	84.5	55.3	153.9	260.3	93.1	100.1	80.7	80.8
1976	80.3	54.8	155.6	265.1	94.2	104.0	84.8	80.6
1977	85.6	56.0	161.1	270.8	98.9	109.2	88.2	81.1
1978	85.9	57.1	169.2	275.6	101.2	112.0	90.5	79.4
1979	85.6	59.1	173.1	276.3	101.1	109.5	88.6	79.9
1980	79.1	55.7	162.4	254.9	96.8	99.4	75.4	70.8
1981	75.7	54.8	157.3	246.8	93.1	97.8	74.6	67.3
1982	68.3	47.6	146.3	223.0	85.9	87.6	69.0	52.9
1983	65.1	43.6	140.7	207.6	84.0	86.2	69.1	53.0
1983								
April ...	64.7	42.5	139.7	205.1	82.8	84.5	65.8	52.6
May	64.7	43.3	139.0	206.1	83.2	85.3	67.8	52.9
June	65.0	44.4	140.5	207.8	83.5	86.0	68.8	53.3
July	65.5	44.3	140.0	206.2	83.5	85.2	68.9	53.9
August ..	65.6	44.1	141.8	206.5	84.3	86.1	70.0	53.1
September	66.0	44.6	141.4	209.9	85.3	88.6	72.7	55.2
October .	66.1	44.2	144.2	210.9	86.6	88.7	73.2	54.9
November.	66.4	44.8	144.8	211.6	86.8	89.8	73.9	55.2
December.	66.2	44.9	141.7	212.1	86.2	90.2	74.0	55.6
1984								
January .	66.1	44.7	143.2	211.6	86.2	90.4	74.6	55.8
February.	66.5	44.9	143.3	211.2	87.0	90.9	75.5	55.6
March ...	66.7	45.5	144.1	211.6	87.0	91.1	75.7	55.4
April ...	67.1	45.5	144.7	211.4	87.2	91.1	75.7	56.1

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Date for latest month are preliminary, although other months are subject to revision. [b] Akron includes Portage and Summit Counties. [c] Canton includes Carroll and Stark Counties. [d] Cincinnati includes Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. [e] Cleveland includes Cuyahoga, Geauga, Lake, and Medina Counties. [f] Columbus includes Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. [g] Dayton includes Greene, Miami, Montgomery, and Preble Counties. [h] Toledo includes Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. [j] Youngstown-Warren includes Mahoning and Trumbull Counties.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

MANUFACTURING PRODUCTION WORKERS AND AVERAGE WEEKLY HOURS IN MAJOR METROPOLITAN AREAS[a]

Year and Month	Akron[b]	Canton[c]	Cincinnati[d]	Cleveland[e]	Columbus[f]	Dayton[g]	Toledo[h]	Youngstown-Warren[j]
	MANUFACTURING PRODUCTION WORKERS (in thousands)							
1973	55.5	46.3	115.2	200.4	74.1	85.0	66.5	75.6
1974	56.1	46.9	115.3	199.5	71.2	79.5	63.1	74.2
1975	48.4	40.5	106.3	176.0	64.2	70.9	55.1	63.3
1976	44.5	40.4	107.8	180.9	65.4	73.4	59.3	63.3
1977	49.2	41.1	110.7	184.0	68.6	75.7	62.8	63.6
1978	49.4	42.2	116.4	188.0	70.1	77.5	64.1	62.5
1979	53.8	43.2	117.0	188.6	69.1	74.4	61.7	62.5
1980	47.5	40.1	106.6	169.2	64.6	65.5	49.6	54.1
1981	43.7	39.6	103.5	161.8	61.3	64.4	49.2	50.8
1982	36.9	33.3	95.5	141.8	55.1	55.6	45.2	38.1
1983	35.6	30.8	92.2	132.1	54.2	54.9	47.2	39.3
1983								
April ...	35.2	29.7	90.9	129.6	53.2	53.5	43.7	38.6
May	35.3	30.4	90.5	130.8	53.5	54.2	45.7	39.0
June	35.4	31.4	91.7	132.2	53.9	54.7	46.9	39.5
July	35.8	31.3	91.4	130.4	53.8	53.7	47.0	40.2
August ..	36.1	31.2	93.4	131.2	54.5	54.4	48.3	39.4
September	36.4	31.6	93.1	134.8	55.5	57.0	50.9	41.7
October .	36.5	31.4	95.9	135.8	56.7	57.4	51.6	41.5
November.	37.0	31.9	96.8	136.7	56.8	58.3	52.5	41.8
December.	36.8	32.1	93.8	137.0	56.6	58.7	52.7	42.2
1984								
January .	36.8	31.7	95.4	136.5	56.8	58.8	53.3	42.3
February.	37.1	31.8	95.5	136.3	57.4	59.3	54.2	42.2
March ...	37.1	32.4	96.3	136.7	57.3	59.3	54.4	42.1
April ...	37.3	32.4	96.6	136.4	57.5	59.4	54.5	42.7
	MANUFACTURING PRODUCTION WORKERS' AVERAGE WEEKLY HOURS							
1973	43.0	41.0	42.2	43.2	40.8	43.3	43.1	42.9
1974	42.3	40.1	41.4	42.1	39.7	41.0	41.2	40.7
1975	41.1	39.4	40.8	40.4	39.6	41.3	40.4	38.6
1976	42.1	39.6	41.1	41.9	40.1	43.2	41.5	39.5
1977	42.3	39.7	41.6	42.8	40.3	43.5	42.7	40.4
1978	42.3	40.3	42.1	42.9	40.4	42.8	42.4	41.4
1979	41.6	40.9	41.5	42.2	40.1	42.1	40.9	40.7
1980	41.5	39.0	41.2	40.6	39.5	41.5	40.6	39.9
1981	41.8	40.0	41.1	41.1	40.0	41.4	40.9	40.8
1982	41.0	38.6	40.5	39.9	39.8	40.0	41.1	39.3
1983	43.1	39.6	41.1	40.9	40.7	41.9	42.9	42.1
1983								
April ...	42.5	39.5	40.8	40.4	40.2	41.1	42.5	41.3
May	42.6	38.9	40.8	40.6	40.3	41.1	42.7	42.4
June	42.3	39.8	41.3	41.3	40.8	42.0	42.2	41.4
July	42.4	38.8	40.9	40.6	40.5	42.1	41.9	42.7
August ..	42.9	39.2	40.8	41.0	40.5	42.1	42.6	41.3
September	43.5	40.8	41.3	41.7	40.8	43.0	43.9	42.4
October .	43.2	40.2	41.3	41.5	41.0	42.7	43.9	43.9
November.	44.0	40.7	42.0	41.8	41.6	42.8	44.5	43.6
December.	45.5	40.8	42.4	42.3	42.3	43.9	44.5	43.2
1984								
January .	43.9	40.4	41.7	41.9	41.2	43.2	43.1	44.7
February.	43.9	41.0	41.5	42.2	40.4	42.8	43.5	43.8
March ...	43.7	40.8	41.8	42.3	40.4	42.8	43.8	44.9
April ...	43.8	40.5	42.2	42.2	40.7	43.0	43.7	43.6

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. [b] Akron includes Portage and Summit Counties. [c] Canton includes Carroll and Stark Counties. [d] Cincinnati includes Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. [e] Cleveland includes Cuyahoga, Geauga, Lake, and Medina Counties. [f] Columbus includes Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. [g] Dayton includes Greene, Miami, Montgomery, and Preble Counties. [h] Toledo includes Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. [j] Youngstown-Warren includes Mahoning and Trumbull Counties. [k] Not comparable to prior data due to change in sample composition.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

EARNINGS IN MAJOR METROPOLITAN AREAS[a]

Year and Month	Akron[b]	Canton[c]	Cincinnati[d]	Cleveland[e]	Columbus[f]	Dayton[g]	Toledo[h]	Youngstown-Warren[j]
	MANUFACTURING PRODUCTION WORKERS' AVERAGE HOURLY EARNINGS							
1973	$ 4.99	$ 4.80	$ 4.44	$ 4.83	$ 4.36	$ 5.00	$ 5.01	$ 5.29
1974	5.28	5.24	4.82	5.21	4.73	5.29	5.39	5.80
1975	5.66	5.64	5.19	5.63	5.18	5.73	5.80	6.39
1976	6.02	6.18	5.65	6.22	5.64	6.28	6.32	7.02
1977	6.75	6.88	6.27	6.84	6.08	6.92	7.00	7.76
1978	7.19	7.56	6.81	7.50	6.55	7.38	7.53	8.54
1979	7.73	8.09	7.31	8.00	7.05	8.00	8.14	9.27
1980	8.72	8.79	8.06	8.63	7.73	8.65	8.90	10.27
1981	9.50	9.76	8.78	9.62	8.67	9.61	9.93	11.62
1982	9.83	10.22	9.57	10.10	9.31	10.02	10.89	11.72
1983	10.49	10.66	10.11	10.45	9.97	10.61	11.28	12.38
1983								
April ...	10.24	10.39	10.06	10.31	9.87	10.35	11.14	12.22
May	10.35	10.53	10.10	10.42	9.90	10.47	11.29	12.45
June	10.34	10.63	10.11	10.49	10.01	10.56	11.14	12.33
July	10.35	10.59	10.12	10.43	10.04	10.72	11.16	12.54
August ..	10.40	10.75	10.18	10.42	9.95	10.58	11.25	12.25
September	10.61	10.84	10.10	10.57	10.06	10.80	11.40	12.40
October .	10.82	10.78	10.23	10.55	10.11	10.86	11.43	12.58
November.	10.85	10.84	10.34	10.62	10.14	10.91	11.57	12.54
December.	11.01	10.88	10.29	10.68	10.35	11.11	11.57	12.68
1984								
January .	10.77	10.85	10.39	10.70	10.33	11.07	11.42	12.89
February.	10.75	10.91	10.37	10.76	10.23	11.04	11.48	12.66
March ...	10.79	10.89	10.45	10.81	10.20	11.12	11.58	13.09
April ...	10.78	10.91	10.58	10.80	10.24	11.15	11.58	12.87
	MANUFACTURING PRODUCTION WORKERS' AVERAGE WEEKLY EARNINGS							
1973	$214.57	$196.80	$187.37	$208.66	$177.89	$216.50	$215.93	$226.94
1974	223.34	210.12	199.55	219.34	187.78	216.89	222.07	236.06
1975	232.63	222.22	211.75	227.45	205.13	236.65	234.32	246.65
1976	253.44	244.73	232.22	260.62	226.16	271.30	262.28	277.29
1977	285.53	273.14	260.83	292.75	245.02	301.02	298.90	313.50
1978	304.14	304.67	286.70	321.75	264.62	315.86	319.27	353.56
1979	321.57	330.88	303.37	337.60	282.71	336.80	332.93	377.29
1980	361.88	342.81	332.07	350.38	305.34	358.98	361.34	409.77
1981	397.10	390.40	360.86	395.38	346.80	397.85	406.14	474.10
1982	403.03	394.49	387.39	402.99	370.54	400.80	447.58	460.60
1983	452.12	422.14	415.52	427.41	405.78	444.56	483.91	521.20
1983								
April ...	435.20	410.41	410.45	416.52	396.77	425.39	473.45	504.69
May	440.91	409.62	412.08	423.05	398.97	430.32	482.08	527.88
June	437.38	423.07	417.54	433.24	408.41	443.52	470.11	510.46
July	438.84	410.89	413.91	423.46	406.62	451.31	467.60	535.46
August ..	446.16	421.40	415.34	427.22	402.98	445.42	479.25	505.93
September	461.54	442.27	417.13	440.77	410.45	464.40	500.46	525.76
October .	467.42	433.36	422.50	437.83	414.51	463.72	501.78	552.26
November.	477.40	441.19	434.28	443.92	421.82	466.95	514.87	546.74
December.	500.96	443.90	436.30	451.76	437.81	487.73	514.87	547.78
1984								
January .	472.80	438.34	433.26	448.33	425.60	478.22	492.20	576.18
February.	471.93	447.31	430.36	454.07	413.29	472.51	499.38	554.51
March ...	471.52	444.31	436.81	457.26	412.08	475.94	507.20	587.74
April ...	472.16	441.86	446.48	455.76	416.77	479.45	506.05	561.13

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. [b] Akron includes Portage and Summit Counties. [c] Canton includes Carroll and Stark Counties. [d] Cincinnati includes Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. [e] Cleveland includes Cuyahoga, Geauga, Lake, and Medina Counties. [f] Columbus includes Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. [g] Dayton includes Greene, Miami, Montgomery, and Preble Counties. [h] Toledo includes Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. [j] Youngstown-Warren includes Mahoning and Trumbull Counties.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

CIVILIAN LABOR FORCE ESTIMATES FOR MAJOR METROPOLITAN AREAS[a]
(In thousands)

Year and Month	Civilian Labor Force	Total Employed	Unemployed		Year and Month	Civilian Labor Force	Total Employed	Unemployed	
			Total Unemployed	Unemployment Rate				Total Unemployed	Unemployment Rate
		AKRON[b]					CANTON[c]		
1973	287.1	274.9	12.2	4.3	1973	171.2	163.1	8.1	4.7
1974	290.8	277.7	13.0	4.5	1974	175.6	167.5	8.1	4.6
1975	292.0	264.3	27.7	9.5	1975	174.7	158.0	16.7	9.6
1976	291.3	266.3	25.0	8.6	1976	174.4	158.6	15.8	9.1
1977	294.2	274.7	19.5	6.6	1977	175.9	163.1	12.9	7.3
1978	298.9	282.2	16.7	5.6	1978	179.9	170.0	9.9	5.5
1979	303.8	285.4	18.4	6.1	1979	184.3	173.7	10.6	5.7
1980	304.5	278.3	26.2	8.6	1980	187.7	170.9	16.8	8.9
1981	304.1	274.9	29.1	9.6	1981	188.4	170.1	18.2	9.7
1982	305.8	269.4	36.4	11.9	1982	192.5	165.1	27.4	14.3
1983	304.4	267.0	37.4	12.3	1983	188.4	160.7	27.6	14.7
1983					1983				
March	297.5	257.2	40.3	13.5	March	186.0	155.0	31.0	16.7
April	302.4	263.4	39.0	12.9	April	188.0	158.3	29.8	15.8
May	307.6	267.7	40.0	13.0	May	191.0	160.7	30.3	15.8
June	307.6	268.8	38.8	12.6	June	192.7	163.9	28.7	14.9
July	313.6	279.8	33.8	10.8	July	193.1	168.9	24.2	12.5
August	309.1	276.9	32.2	10.4	August	191.0	167.0	24.0	12.6
September	305.1	271.4	33.7	11.1	September	186.6	162.2	24.3	13.0
October	308.4	274.5	33.8	11.0	October	189.2	164.6	24.6	13.0
November	309.7	274.2	35.5	11.5	November	189.5	164.4	25.1	13.2
December	304.9	270.4	34.6	11.3	December	186.0	162.4	23.6	12.7
1984					1984				
January	297.5	264.3	33.2	11.2	January	182.3	159.8	22.5	12.3
February	298.6	263.8	34.8	11.6	February	180.7	158.9	21.9	12.1
March[p]	298.1	262.6	35.5	11.9	March[p]	181.3	158.4	23.0	12.7
		CINCINNATI[d]					CLEVELAND[e]		
1973	572.0	543.0	29.0	5.1	1973	883.9	849.0	34.9	3.9
1974	595.3	569.8	25.5	4.3	1974	899.1	861.4	37.7	4.2
1975	595.3	551.6	43.6	7.3	1975	896.9	826.3	70.6	7.9
1976	604.8	566.6	38.2	6.3	1976	897.7	834.4	63.3	7.0
1977	623.4	588.7	34.7	5.6	1977	908.5	854.4	54.0	5.9
1978	648.3	615.8	32.5	5.0	1978	921.7	878.5	43.2	4.7
1979	663.4	628.1	35.3	5.3	1979	935.8	889.1	46.7	5.0
1980	676.2	628.6	47.5	7.0	1980	937.1	869.1	68.0	7.3
1981	678.5	619.3	59.1	8.7	1981	933.9	854.0	79.8	8.5
1982	682.0	610.4	71.6	10.5	1982	933.7	833.8	100.0	10.7
1983	686.5	615.4	71.1	10.4	1983	930.7	824.7	105.9	11.4
1983					1983				
March	676.9	596.6	80.2	11.9	March	915.6	800.5	115.1	12.6
April	682.8	609.8	73.0	10.7	April	923.4	813.9	109.5	11.9
May	692.0	616.1	75.9	11.0	May	935.9	822.2	113.8	12.2
June	703.1	627.2	76.0	10.8	June	962.0	845.0	117.0	12.2
July	703.4	637.1	66.2	9.4	July	966.5	867.1	99.3	10.3
August	696.4	632.8	63.6	9.1	August	955.0	857.0	98.0	10.3
September	685.5	619.2	66.4	9.7	September	925.8	826.4	99.4	10.7
October	691.5	630.0	61.5	8.9	October	936.6	840.1	96.6	10.3
November	693.2	629.0	64.2	9.3	November	935.3	836.6	98.7	10.6
December	684.3	622.5	61.9	9.0	December	917.5	828.3	89.3	9.7
1984					1984				
January	679.0	616.0	62.9	9.3	January	899.5	815.9	83.7	9.3
February	670.2	611.3	58.9	8.8	February	887.4	806.6	80.8	9.1
March[p]	671.6	611.9	59.7	8.9	March[p]	890.6	802.7	87.9	9.9

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[a] Estimated in cooperation with U.S. Department of Labor. Data not seasonally adjusted. Subtotals may not add to totals due to rounding. Rates computed from unrounded figures. [b] Defined as Portage and Summit Counties. [c] Defined as Carroll and Stark Counties. [d] Defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; and Boone, Campbell, and Kenton Counties, Kentucky. [e] Defined as Cuyahoga, Geauga, Lake, and Medina Counties. [p] Preliminary.

CIVILIAN LABOR FORCE ESTIMATES FOR MAJOR METROPOLITAN AREAS[a]
(In thousands)

Year and Month	Civilian Labor Force	Total Employed	Unemployed		Year and Month	Civilian Labor Force	Total Employed	Unemployed	
			Total Unemployed	Unemployment Rate				Total Unemployed	Unemployment Rate
COLUMBUS[f]					DAYTON[g]				
1973	485.5	468.3	17.1	3.5	1973	358.0	343.5	14.5	4.1
1974	495.4	475.5	19.9	4.0	1974	359.5	342.5	17.0	4.7
1975	495.0	458.6	36.5	7.4	1975	357.6	327.7	29.9	8.4
1976	503.6	468.5	35.1	7.0	1976	360.5	336.3	24.2	6.7
1977	513.4	483.3	30.1	5.9	1977	368.6	348.3	20.3	5.5
1978	531.4	506.5	24.9	4.7	1978	381.1	363.7	17.3	4.6
1979	543.0	517.1	25.8	4.8	1979	392.2	367.9	24.2	6.2
1980	554.7	523.4	31.4	5.7	1980	390.2	361.0	29.2	7.5
1981	562.4	519.1	43.3	7.7	1981	390.8	357.9	32.8	8.4
1982	568.8	518.0	50.8	8.9	1982	391.1	347.0	44.2	11.3
1983	579.1	527.4	51.7	8.9	1983	390.6	350.7	39.9	10.2
1983					1983				
March	561.7	508.1	53.6	9.5	March	385.1	341.0	44.1	11.5
April	572.6	520.1	52.5	9.2	April	388.6	346.5	42.0	10.8
May	580.0	526.2	53.7	9.3	May	391.3	349.9	41.4	10.6
June	594.3	537.2	57.1	9.6	June	400.1	356.8	43.2	10.8
July	599.8	549.2	50.7	8.4	July	400.0	362.6	37.4	9.4
August	591.8	544.6	47.2	8.0	August	396.5	359.4	37.1	9.3
September ..	577.9	528.9	49.0	8.5	September .	389.5	353.7	35.7	9.2
October	594.3	545.1	49.2	8.3	October ...	395.4	360.8	34.7	8.3
November ...	594.7	544.2	50.5	8.5	November ..	396.8	360.3	36.5	9.2
December ...	585.3	537.9	47.4	8.1	December ..	388.0	355.5	32.5	8.4
1984					1984				
January	575.1	529.6	45.4	7.9	January ...	385.5	353.0	32.5	8.4
February ...	570.0	526.7	43.2	7.6	February ..	383.7	350.3	33.4	8.7
March[p]	571.3	525.1	46.2	8.1	March[p]	383.7	348.8	34.9	9.1
TOLEDO[h]					YOUNGSTOWN-WARREN[i]				
1973	339.8	324.2	15.6	4.6	1973	232.5	221.8	10.8	4.6
1974	343.8	324.2	19.7	5.7	1974	236.7	223.7	13.0	5.5
1975	344.8	310.2	34.6	10.0	1975	236.7	209.8	26.9	11.4
1976	347.8	319.4	28.4	8.2	1976	234.2	210.5	23.7	10.1
1977	355.0	329.4	25.6	7.2	1977	234.0	215.0	19.0	8.1
1978	362.1	339.7	22.4	6.2	1978	235.2	217.5	17.7	7.5
1979	368.2	341.7	26.4	7.2	1979	237.1	219.9	17.1	7.2
1980	368.2	329.8	38.4	10.4	1980	238.9	210.5	28.4	11.9
1981	367.4	328.0	39.4	10.7	1981	234.0	205.7	28.2	12.1
1982	368.7	322.7	46.1	12.5	1982	237.7	191.5	46.2	19.4
1983	374.2	326.9	47.2	12.6	1983	227.3	189.6	37.8	16.6
1983					1983				
March	367.5	312.6	54.9	14.9	March	224.7	183.1	41.6	18.5
April	368.4	320.7	47.7	12.9	April	226.8	187.5	39.3	17.3
May	379.0	328.4	50.6	13.4	May	230.7	190.3	40.4	17.5
June	380.6	332.0	48.6	12.8	June	233.8	193.5	40.3	17.2
July	382.1	337.7	44.4	11.6	July	233.4	199.5	33.9	14.5
August	379.2	335.1	44.1	11.6	August	232.6	196.2	36.4	15.6
September ..	374.8	331.9	42.9	11.5	September .	226.7	193.1	33.6	14.8
October	380.0	338.3	41.7	11.0	October ...	227.0	195.5	31.5	13.9
November ...	381.3	337.5	43.8	11.5	November ..	227.9	195.2	32.7	14.4
December ...	372.5	331.9	40.5	10.9	December ..	222.4	192.2	30.2	13.6
1984					1984				
January	366.1	327.4	38.6	10.6	January ...	218.3	189.7	28.6	13.1
February[p]...	365.7	327.7	38.0	10.4	February ..	214.6	188.2	26.4	12.3
March	INA	INA	INA	INA	March[p]	215.4	186.9	28.5	13.2

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[a] Estimated in cooperation with U.S. Department of Labor. Data not seasonally adjusted. Subtotals may not add to totals due to rounding. Rates computed from unrounded figures. [f] Defined as Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. [g] Defined as Greene, Miami, Montgomery, and Preble Counties. [h] Defined as Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. [i] Defined as Mahoning and Trumbull Counties. [p] Preliminary. INA—Information not available.

CIVILIAN LABOR FORCE ESTIMATES[a]
(not seasonally adjusted)

Year and Month	OHIO (in thousands)			Unemployment Rate	
	Civilian Labor Force	Total Employed	Total Unemployed	OHIO	U.S.
1973	4,621	4,423	198	4.3	4.9
1974	4,708	4,483	225	4.8	5.6
1975	4,721	4,292	429	9.1	8.5
1976	4,749	4,378	370	7.8	7.7
1977	4,830	4,518	312	6.5	7.1
1978	4,956	4,688	268	5.4	6.1
1979	5,056	4,758	298	5.9	5.8
1980	5,088	4,661	427	8.4	7.1
1981	5,098	4,606	492	9.6	7.6
1982	5,114	4,474	640	12.5	9.7
1983	5,110	4,488	622	12.2	9.6
1983					
April ...	5,076	4,425	651	12.8	10.0
May	5,153	4,491	663	12.9	9.8
June	5,253	4,583	670	12.8	10.2
July	5,287	4,710	577	10.9	9.4
August ..	5,229	4,666	563	10.8	9.2
September	5,108	4,541	567	11.1	8.8
October .	5,159	4,611	548	10.6	8.4
November.	5,146	4,582	564	11.0	8.1
December.	5,040	4,513	528	10.5	8.0
1984					
January .	4,964	4,452	512	10.3	8.8
February.	4,925	4,426	499	10.1	8.4
March ...	4,940	4,415	525	10.6	8.1
April ...	4,996	4,506	489	9.8	7.6

OHIO NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT[a]
(in thousands)

Year and Month	Total Nonagricultural	Manufacturing	Nonmanufacturing
1973	4,112.9	1,426.3	2,686.5
1974	4,169.4	1,416.6	2,752.8
1975	4,016.2	1,267.5	2,748.7
1976	4,094.5	1,295.3	2,799.3
1977	4,230.1	1,344.1	2,885.9
1978	4,394.8	1,377.2	3,017.6
1979	4,484.7	1,382.3	3,102.5
1980	4,367.4	1,264.3	3,103.0
1981	4,317.6	1,232.6	3,085.1
1982	4,124.2	1,099.9	3,024.4
1983	4,083.8	1,066.9	3,017.0
1983			
April ...	4,041.8	1,047.6	2,994.2
May	4,088.7	1,054.8	3,033.9
June	4,116.8	1,064.1	3,052.7
July	4,082.0	1,062.2	3,019.8
August ..	4,074.0	1,074.7	2,999.3
September	4,157.0	1,094.3	3,062.7
October .	4,170.0	1,099.1	3,070.9
November.	4,177.5	1,104.4	3,073.1
December.	4,176.1	1,101.9	3,074.2
1984			
January .	4,083.3	1,101.0	2,982.3
February.	4,095.2	1,108.2	2,987.0
March ...	4,120.3	1,113.2	3,007.1
April ...	4,166.6	1,116.4	3,050.2

OHIO NONMANUFACTURING WAGE AND SALARY EMPLOYMENT[a] (in thousands)

Year and Month	Mining	Construction	Transportation and Utilities	Wholesale Trade	Retail Trade	Finance, Insurance, Real Estate	Services	Government
1973	22.9	175.5	224.9	197.7	654.9	169.0	643.9	597.8
1974	24.2	172.3	227.8	205.7	668.1	171.9	669.7	613.1
1975	26.8	154.9	213.2	203.5	664.5	173.1	686.3	626.4
1976	28.2	154.2	213.7	208.4	682.4	177.0	703.2	632.2
1977	29.1	162.8	219.1	214.6	703.1	183.4	731.4	642.3
1978	29.0	176.6	225.0	226.0	730.4	191.1	772.1	667.5
1979	31.6	182.9	232.1	232.8	742.4	200.6	806.2	674.0
1980	30.7	167.4	223.1	230.6	726.6	203.8	830.9	689.9
1981	30.7	153.7	217.2	232.5	717.7	205.8	851.5	676.0
1982	30.3	134.6	206.8	226.0	703.4	206.4	857.3	659.6
1983	26.6	128.6	197.3	219.6	703.3	209.6	874.6	657.5
1983								
April ...	25.2	116.1	196.9	218.2	694.4	207.2	868.7	667.7
May	25.6	126.4	199.1	219.5	705.9	208.7	877.5	671.3
June	27.0	135.7	201.4	221.6	713.1	211.3	888.2	654.5
July	27.4	140.8	201.5	221.4	709.8	212.2	883.2	623.4
August ..	27.4	142.2	184.6	221.3	712.4	212.3	883.0	616.2
September	27.5	144.6	201.0	221.2	714.8	211.8	891.3	650.4
October .	27.5	145.0	200.7	221.5	709.6	211.5	888.8	666.3
November.	27.4	140.9	199.6	221.1	717.8	211.5	884.2	670.6
December.	27.1	130.9	200.2	221.3	730.4	212.1	880.7	671.5
1984								
January .	27.0	115.0	193.1	218.3	693.6	210.8	868.3	656.3
February.	26.7	111.8	193.1	217.9	682.4	210.3	875.0	669.9
March ...	27.2	114.5	193.8	218.9	688.6	210.7	882.2	671.2
April ...	27.3	123.8	195.6	220.1	704.0	211.8	895.8	671.9

[a] Estimated in cooperation with U.S. Department of Labor. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates and averages computed from unrounded figures. All data exclude military personnel.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

EMPLOYMENT, HOURS, AND EARNINGS IN MANUFACTURING IN OHIO[a]

Year and Month	Manufacturing Employment (in thousands)			Production Workers in Manufacturing		
	All Manufacturing	Durable Goods	Nondurable Goods	Production Workers (in thousands)	Aggregate Weekly Payroll (in millions)	Aggregate Weekly Hours (in millions)
1973	1,426.3	1,018.2	408.1	1,046.7	$210.8	44.3
1974	1,416.6	1,013.1	403.5	1,028.7	217.4	42.4
1975	1,267.5	892.4	375.1	897.8	201.5	36.2
1976	1,295.3	910.6	384.6	926.1	233.9	38.2
1977	1,344.1	945.2	398.9	958.0	271.2	40.2
1978	1,377.2	974.5	402.7	985.5	302.5	41.5
1979	1,382.3	980.5	401.8	979.0	318.5	40.6
1980	1,264.3	882.6	381.8	867.8	301.9	35.2
1981	1,232.6	860.4	372.2	847.7	330.4	34.7
1982	1,099.9	752.4	347.5	735.7	297.1	29.5
1983	1,066.9	723.6	343.3	721.7	315.7	29.9
1983						
April ...	1,047.6	710.1	337.4	702.1	301.8	28.9
May	1,054.8	716.2	338.6	709.8	306.6	29.2
June	1,064.1	721.8	342.3	718.2	314.4	29.8
July	1,062.2	720.2	341.9	715.9	309.7	29.4
August ..	1,074.7	728.4	346.3	729.3	316.1	30.0
September	1,094.3	740.8	353.5	749.0	335.5	31.5
October .	1,099.1	748.1	351.0	755.4	340.1	31.7
November.	1,104.4	752.9	351.4	761.9	348.7	32.4
December.	1,101.9	749.8	352.0	760.2	352.4	32.5
1984						
January .	1,101.0	750.4	350.5	758.6	349.5	32.2
February.	1,108.2	756.9	351.3	765.6	351.5	32.5
March ...	1,113.2	760.9	352.4	769.9	357.3	32.7
April ...	1,116.4	763.4	353.0	772.8	359.7	32.8

Year and Month	Production Workers Average Weekly Earnings			Production Workers Average Weekly Hours			Production Workers Average Hourly Earnings		
	Manufacturing	Durable Goods	Nondurable Goods	Manufacturing	Durable Goods	Nondurable Goods	Manufacturing	Durable Goods	Nondurable Goods
1973	$201.35	$207.95	$185.89	42.3	42.7	41.4	$ 4.76	$ 4.87	$4.49
1974	211.36	216.94	196.17	41.2	41.4	40.7	5.13	5.24	4.82
1975	224.47	228.90	211.85	40.3	40.3	40.2	5.57	5.68	5.27
1976	252.54	258.75	235.00	41.2	41.4	41.3	6.10	6.25	5.69
1977	283.08	292.02	258.34	42.0	42.2	41.4	6.74	6.92	6.24
1978	306.91	316.83	279.30	42.1	42.3	41.5	7.29	7.49	6.73
1979	325.36	335.30	297.98	41.5	41.6	41.1	7.84	8.06	7.25
1980	347.94	358.57	319.99	40.6	40.7	40.2	8.57	8.81	7.96
1981	389.78	401.64	358.16	40.9	40.9	40.7	9.53	9.82	8.80
1982	403.81	414.80	378.95	40.1	40.0	40.4	10.07	10.37	9.38
1983	437.18	452.35	402.52	41.4	41.5	41.2	10.56	10.90	9.77
1983									
April ...	429.91	444.14	397.96	41.1	41.2	40.9	10.46	10.78	9.73
May	431.96	447.69	397.80	41.1	41.3	40.8	10.51	10.84	9.75
June	437.83	452.61	402.11	41.5	41.6	41.2	10.55	10.88	9.76
July	432.55	445.67	403.60	41.0	41.0	41.1	10.55	10.87	9.82
August ..	433.42	445.52	403.50	41.2	41.1	41.3	10.52	10.84	9.77
September	447.94	463.52	410.62	42.1	42.1	41.9	10.64	11.01	9.80
October .	450.24	468.68	408.78	42.0	42.3	41.5	10.72	11.08	9.85
November.	457.73	475.68	413.97	42.5	42.7	41.9	10.77	11.14	9.88
December.	463.52	483.15	419.05	42.8	43.1	42.2	10.83	11.21	9.93
1984									
January .	460.70	479.52	418.05	42.5	42.7	42.1	10.84	11.23	9.93
February.	459.19	478.67	414.24	42.4	42.7	41.8	10.83	11.21	9.91
March ...	464.10	484.50	417.32	42.5	42.8	41.9	10.92	11.32	9.96
April ...	465.38	483.79	422.68	42.5	42.7	42.1	10.95	11.33	10.04

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

EMPLOYMENT AND AVERAGE WEEKLY EARNINGS IN SELECTED MAJOR MANUFACTURING INDUSTRIES IN OHIO[a]

Year and Month	Stone, Clay and Glass Products	Primary Metal Industries	Fabricated Metal Products	Machinery, Except Electrical	Electric & Electronic Equipment	Transportation Equipment	Food and Kindred Products	Printing and Publishing	Rubber and Plastics Products
	EMPLOYMENT (in thousands)								
1973	73.3	173.3	175.2	219.9	134.1	167.2	76.4	67.7	109.8
1974	72.2	172.4	172.7	227.7	131.4	162.5	76.0	67.9	107.0
1975	65.0	151.5	150.9	207.7	112.3	140.8	73.5	64.8	94.8
1976	66.3	154.6	157.9	205.9	115.5	143.0	73.8	64.5	98.2
1977	67.1	157.7	166.5	210.7	120.9	151.8	74.4	65.4	107.4
1978	69.3	157.5	173.3	216.7	122.2	164.1	74.6	66.6	107.4
1979	69.7	158.9	175.5	223.6	117.6	165.8	74.4	67.6	106.7
1980	64.5	139.8	157.6	211.4	106.4	139.1	72.7	67.4	92.7
1981	61.0	138.3	154.9	204.2	101.9	136.9	69.2	66.1	89.0
1982	54.2	112.7	134.9	176.7	93.4	121.7	66.9	63.2	80.4
1983	52.7	104.5	130.9	153.1	90.2	131.6	64.5	62.3	82.4
1983									
April ...	51.7	103.1	127.6	151.5	89.5	127.7	62.6	62.2	79.8
May	52.1	103.4	128.5	152.4	89.6	130.2	62.6	62.3	80.6
June	53.1	103.5	129.8	152.0	90.0	132.1	64.2	62.4	81.5
July	53.3	103.0	129.4	152.1	89.7	131.6	64.0	61.9	82.1
August ..	54.0	105.1	132.2	152.6	89.6	132.8	66.4	61.9	83.5
September	54.8	107.4	134.6	154.8	91.5	134.8	69.5	62.6	85.6
October .	54.9	108.0	136.5	154.5	92.4	138.8	66.4	62.6	86.4
November.	55.0	109.8	137.8	155.3	92.4	139.9	65.2	62.8	87.4
December.	53.7	110.3	137.3	155.5	91.9	138.5	65.2	63.0	87.5
1984									
January .	52.9	110.6	137.7	156.6	91.8	138.4	64.5	62.8	87.9
February.	53.4	111.1	137.6	157.2	92.8	141.3	64.1	62.8	88.7
March ...	54.0	112.2	137.8	158.5	93.7	140.9	64.1	63.1	88.8
April ...	54.2	112.6	138.5	159.3	93.4	141.1	64.7	63.4	89.1
	AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS								
1973	$189.03	$228.72	$204.67	$208.80	$176.23	$241.01	$188.94	$203.06	$193.12
1974	194.21	246.03	213.62	219.05	184.61	244.91	204.89	211.14	199.92
1975	207.55	256.46	224.96	228.25	201.30	263.22	222.68	226.95	213.31
1976	232.40	294.58	256.68	253.31	221.54	302.87	242.92	252.20	237.30
1977	253.95	329.54	290.44	279.18	248.44	359.20	258.54	271.96	263.97
1978	274.81	366.24	307.23	306.16	268.45	389.66	281.15	285.18	282.73
1979	293.34	395.43	323.38	329.09	289.27	391.56	304.50	302.62	300.66
1980	315.43	422.01	349.34	352.77	316.31	414.83	329.85	320.92	323.61
1981	348.02	484.04	389.61	389.16	350.27	471.50	362.75	347.70	368.67
1982	376.88	480.54	398.77	392.63	366.56	506.99	386.04	358.45	381.11
1983	400.57	503.85	460.65	424.09	394.63	557.92	403.79	375.62	412.25
1983									
April ...	388.95	497.68	451.26	411.25	384.40	549.25	396.47	369.64	411.83
May	397.85	493.96	452.28	417.91	384.96	560.33	401.58	367.52	413.10
June	400.20	496.11	463.66	424.91	392.85	563.82	408.53	371.51	414.62
July	403.44	496.50	447.79	420.09	390.34	543.97	412.29	369.27	409.36
August ..	401.64	492.83	449.35	421.14	395.60	541.80	409.04	371.35	407.11
September	409.18	522.49	471.28	431.09	406.39	570.49	415.86	378.00	422.18
October .	412.17	514.18	479.45	436.31	408.04	581.79	396.89	384.94	425.87
November.	415.33	520.38	490.31	450.24	411.27	586.64	410.98	392.18	421.20
December.	421.16	525.79	505.52	463.54	415.17	588.60	420.30	393.97	422.61
1984									
January .	419.33	525.39	486.86	468.27	409.59	585.09	409.64	391.40	429.44
February.	417.08	540.99	485.57	468.07	420.51	565.46	411.04	391.30	423.36
March ...	417.49	538.90	482.08	467.18	416.66	602.94	416.79	386.45	425.97
April ...	425.21	534.67	486.49	469.79	423.26	594.06	424.85	390.63	428.59

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN OHIO[a]
APRIL 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	April 1984[b]	March 1984[c]	April 1983[c]	March 1984	April 1983
TOTAL	4166.6	4120.3	4041.8	1.1	3.1
MANUFACTURING	1116.4	1113.2	1047.6	.3	6.6
Durable Goods[e]	763.4	760.9	710.1	.3	7.5
Lumber and wood products	15.3	15.0	13.3	2.0	15.3
Furniture and fixtures	14.2	14.2	13.1	- .2	7.9
Household furniture	6.5	6.6	6.3	- 1.6	4.2
Stone, clay, and glass products	54.2	54.0	51.7	.3	4.9
Glass and glassware, pressed or blown.	14.1	14.2	13.8	- .2	2.6
Structural clay products	4.4	4.3	4.5	4.1	- 1.7
Pottery and related products	5.4	5.6	5.8	- 3.5	- 6.3
Primary metal industries	112.6	112.2	103.1	.4	9.3
Blast furnace and basic steel products	55.8	55.6	51.9	.3	7.4
Iron and steel foundries	22.4	22.4	20.0	- .2	11.7
Nonferrous rolling and drawing	18.8	18.7	17.6	.5	6.5
Nonferrous foundries	9.3	9.1	8.0	1.3	16.2
Fabricated metal products	138.5	137.8	127.6	.5	8.5
Cutlery, hand tools, and hardware	11.3	11.4	10.8	- .6	4.8
Plumbing and heating, except electric.	4.9	4.9	4.0	1.0	24.0
Fabricated structural metal products	28.6	28.4	28.6	.8	.2
Screw machine products, bolts, etc.	8.8	8.7	8.3	1.7	6.4
Metal forgings and stampings	43.7	43.3	37.6	.8	16.1
Machinery, except electrical	159.3	158.5	151.5	.5	5.1
Construction and related machinery	15.7	15.6	16.3	.5	- 4.1
Metalworking machinery	39.2	39.0	38.5	.6	1.8
Special industry machinery	16.6	16.4	15.8	1.5	4.8
General industrial machinery	31.5	31.3	28.5	.7	10.8
Electric and electronic equipment	93.4	93.7	89.5	- .3	4.4
Electrical industrial apparatus	19.0	18.9	18.7	.2	1.6
Household appliances	16.8	17.1	15.6	- 2.1	7.3
Electric lighting and wiring equipment	18.5	18.4	17.8	.2	3.7
Communication equipment	10.1	10.1	10.1	.3	.4
Transportation equipment	141.1	140.9	127.7	.1	10.6
Motor vehicles and equipment	94.8	94.6	83.5	.1	13.5
Aircraft and parts	38.2	38.1	35.9	.3	6.5
Instruments and related products	21.5	21.5	19.8	.0	8.5
Measuring and controlling devices	12.6	12.7	11.7	- .6	8.3
Nondurable Goods[f]	353.0	352.4	337.4	.2	4.6
Food and kindred products	64.7	64.1	62.6	1.0	3.3
Meat products	10.4	10.3	9.7	1.6	8.0
Dairy products	10.5	10.4	10.4	.8	1.1
Bakery products	10.1	9.9	9.9	2.3	2.5
Beverages	10.5	10.5	10.3	.5	2.1
Textile mill products	4.6	4.7	4.3	- 1.1	8.8
Apparel and other textile products	17.6	17.4	16.0	.7	9.6
Paper and allied products	35.4	35.6	34.4	- .7	2.8
Paper mills, except building paper	9.5	9.5	8.9	- .7	6.7
Misc. converted paper products	11.5	11.6	11.3	- .9	1.4
Paperboard containers and boxes	11.6	11.6	11.2	.3	3.7
Printing and publishing	63.4	63.1	62.2	.5	1.9
Newspapers	18.0	18.1	17.8	- .4	.9
Commercial printing	23.4	23.3	22.7	.3	3.0
Chemicals and allied products	64.2	64.1	63.8	.2	.7
Industrial inorganic chemicals	11.5	11.4	11.7	.5	- 2.5
Plastics materials and synthetics	8.8	8.8	8.8	- .4	- .1
Petroleum and coal products	9.1	9.4	9.1	- 2.7	.9
Rubber and misc. plastics products	89.1	88.8	79.8	.3	11.6
Tires and inner tubes	20.4	20.4	20.2	.0	.9
Miscellaneous plastics products	47.7	47.5	41.0	.5	16.6
Leather and leather products	4.7	5.0	5.1	- 5.6	- 7.0

See footnotes at end of table.

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN OHIO[a]
APRIL 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	April 1984[b]	March 1984[c]	April 1983[c]	Apr. 1984[b]	Mar. 1984[c]	Apr. 1983[c]	Apr. 1984[b]	Mar. 1984[c]	Apr. 1983[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$465.38	$464.10	$429.91	42.5	42.5	41.1	$10.95	$10.92	$10.46
Durable Goods[d]	483.79	484.50	444.14	42.7	42.8	41.2	11.33	11.32	10.78
Lumber and wood products	292.74	294.86	295.20	39.4	39.9	40.0	7.43	7.39	7.38
Furniture and fixtures	319.39	330.79	318.52	41.0	42.3	41.8	7.79	7.82	7.62
Household furniture	273.92	283.50	279.60	39.3	40.5	41.3	6.97	7.00	6.77
Stone, clay, and glass products	425.21	417.49	388.95	42.1	41.5	40.6	10.10	10.06	9.58
Glass and glassware, pressed or blown.	444.72	427.47	407.15	40.8	40.1	39.8	10.90	10.66	10.23
Structural clay products	325.56	311.95	306.71	41.9	41.1	41.9	7.77	7.59	7.32
Pottery and related products	342.94	336.38	316.01	39.6	38.4	37.8	8.66	8.76	8.36
Primary metal industries	534.67	538.90	497.68	42.3	42.5	40.2	12.64	12.68	12.38
Blast furnace and basic steel products	543.17	536.69	507.89	41.4	41.0	38.8	13.12	13.09	13.09
Iron and steel foundries	524.45	537.79	488.72	42.5	43.3	41.0	12.34	12.42	11.92
Nonferrous rolling and drawing	582.22	606.09	530.46	43.0	44.5	42.0	13.54	13.62	12.63
Nonferrous foundries	428.98	432.84	390.69	44.5	44.9	42.1	9.64	9.64	9.28
Fabricated metal products	486.49	482.08	451.26	42.9	42.7	41.9	11.34	11.29	10.77
Cutlery, hand tools, and hardware	463.64	483.07	468.13	39.9	40.8	41.1	11.62	11.84	11.39
Plumbing and heating, except electric.	382.20	383.22	332.24	42.0	41.7	39.6	9.10	9.19	8.39
Fabricated structural metal products .	410.94	406.96	388.87	41.3	40.9	39.6	9.95	9.95	9.82
Screw machine products, bolts, etc.	407.88	413.25	373.46	42.8	43.5	40.2	9.53	9.50	9.29
Metal forgings and stampings	610.18	600.73	556.85	45.4	45.1	44.3	13.44	13.32	12.57
Machinery, except electrical	469.79	467.18	411.25	43.1	42.9	40.2	10.90	10.89	10.23
Construction and related machinery	422.00	420.40	387.73	40.0	40.0	38.2	10.55	10.51	10.15
Metalworking machinery	439.30	436.16	403.92	42.2	42.1	39.6	10.41	10.36	10.20
Special industry machinery	446.77	439.50	391.72	43.0	42.3	40.3	10.39	10.39	9.72
General industrial machinery	470.13	467.50	410.06	42.7	42.5	40.4	11.01	11.00	10.15
Electric and electronic equipment	423.26	416.66	384.40	41.7	41.5	40.0	10.15	10.04	9.61
Electrical industrial apparatus	409.22	403.65	351.88	41.8	41.4	38.0	9.79	9.75	9.26
Household appliances	434.02	431.36	405.00	41.1	41.2	40.5	10.56	10.47	10.00
Electric lighting and wiring equipment	429.00	416.94	377.51	42.9	42.2	40.9	10.00	9.88	9.23
Communication equipment	447.95	431.66	416.24	41.4	40.8	40.1	10.82	10.58	10.38
Transportation equipment	594.06	602.94	549.25	44.7	45.3	43.8	13.29	13.31	12.54
Motor vehicles and equipment	625.17	635.71	574.09	45.5	46.2	44.4	13.74	13.76	12.93
Aircraft and parts	507.78	514.31	492.37	42.0	42.4	42.3	12.09	12.13	11.64
Instruments and related products	336.19	334.15	299.81	41.2	41.0	39.5	8.16	8.15	7.59
Measuring and controlling devices	334.14	332.52	296.04	41.1	40.9	38.8	8.13	8.13	7.63
Nondurable Goods[e]	422.68	417.32	397.96	42.1	41.9	40.9	10.04	9.96	9.73
Food and kindred products	424.85	416.79	396.47	42.4	42.1	41.0	10.02	9.90	9.67
Meat products	428.54	407.68	396.61	43.2	42.6	39.9	9.92	9.57	9.94
Dairy products	412.70	418.61	395.17	42.9	43.2	43.0	9.62	9.69	9.19
Bakery products	456.87	439.19	400.00	41.8	41.2	40.0	10.93	10.66	10.00
Beverages	381.24	374.22	350.61	40.3	39.6	39.0	9.46	9.45	8.99
Textile mill products	325.68	316.47	289.20	41.7	41.1	40.0	7.81	7.70	7.23
Apparel and other textile products	247.80	251.94	227.17	38.3	39.0	36.7	6.47	6.46	6.19
Paper and allied products	448.12	444.00	413.69	44.5	44.4	43.5	10.07	10.00	9.51
Paper mills, except building paper	573.10	546.16	497.72	48.2	46.8	46.0	11.89	11.67	10.82
Misc. converted paper products	391.73	408.22	370.97	43.0	43.8	42.3	9.11	9.32	8.77
Paperboard containers and boxes	399.11	394.07	379.48	43.1	43.4	42.4	9.26	9.08	8.95
Printing and publishing	390.63	386.45	369.64	38.6	38.3	37.3	10.12	10.09	9.91
Newspapers	324.31	326.32	321.64	33.4	33.4	32.1	9.71	9.77	10.02
Commercial printing	416.16	402.78	379.78	40.8	39.8	38.4	10.20	10.12	9.89
Chemicals and allied products	485.06	479.10	443.36	42.4	42.1	40.9	11.44	11.38	10.84
Industrial inorganic chemicals	520.02	508.57	465.76	42.8	42.1	41.0	12.15	12.08	11.36
Plastics materials and synthetics	543.76	550.23	495.38	45.2	45.7	43.8	12.03	12.04	11.31
Petroleum and coal products	645.04	639.13	634.60	44.0	44.2	44.1	14.66	14.46	14.39
Rubber and misc. plastics products	428.59	425.97	411.83	43.6	43.6	42.5	9.83	9.77	9.69
Tires and inner tubes	575.17	576.00	543.75	44.9	45.0	43.5	12.81	12.80	12.50
Miscellaneous plastics products	422.05	416.21	403.85	43.6	43.4	42.6	9.68	9.59	9.48
Leather and leather products	198.07	193.44	217.95	37.8	37.2	39.2	5.24	5.20	5.56

See footnotes at end of table.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN OHIO[a]
APRIL 1984 (Continued)

Industry	Employment (in thousands)			Percent Change From[d]	
	April 1984[b]	March 1984[c]	April 1983[c]	March 1984	April 1983
NONMANUFACTURING	3050.2	3007.1	2994.2	1.4	1.9
MINING	27.3	27.2	25.2	.5	8.4
Bituminous coal and lignite mining	11.8	11.8	10.4	.1	13.5
CONSTRUCTION	123.8	114.5	116.1	8.1	6.6
General building contractors	31.7	29.4	28.8	7.6	9.9
Heavy construction contractors	17.8	14.6	16.1	21.8	10.8
TRANSPORTATION AND PUBLIC UTILITIES	195.6	193.8	196.9	.9	- .7
Railroad transportation	18.1	17.8	18.7	1.5	- 3.1
Transportation, except railroads	86.1	84.6	83.8	1.8	2.7
Trucking and warehousing	61.2	60.7	60.5	.7	1.0
Communication, electric, gas services ..	91.4	91.4	94.4	.0	- 3.2
Communication	51.8	51.8	54.1	.0	- 4.2
Electric, gas, and sanitary services .	39.6	39.6	40.2	- .1	- 1.7
WHOLESALE TRADE	220.1	218.9	218.2	.6	.9
Wholesale trade-durable goods	137.8	137.2	136.7	.5	.8
Motor vehicles & automotive equipment.	20.0	19.9	19.9	.6	.8
Electrical goods	18.5	18.5	18.4	.2	.4
Machinery, equipment, and supplies ...	57.9	57.8	57.6	.1	.5
Wholesale trade-nondurable goods	82.3	81.7	81.4	.7	1.1
Groceries and related products	25.9	25.7	25.3	.4	2.2
RETAIL TRADE	704.0	688.6	694.4	2.2	1.4
General merchandise stores	108.0	106.7	107.2	1.2	.7
Department stores	99.4	98.2	98.4	1.2	1.0
Food stores	117.3	115.8	115.1	1.3	2.0
Automotive dealers & service stations ..	74.5	73.9	74.6	.9	- .1
Apparel and accessory stores	32.8	32.6	32.9	.5	- .4
FINANCE, INSURANCE, AND REAL ESTATE	211.8	210.7	207.2	.5	2.2
Banking	57.5	57.6	58.3	- .2	- 1.4
Credit agencies other than banks	32.2	32.0	30.9	.7	4.3
Insurance carriers	59.2	59.2	59.0	- .1	.3
SERVICES	895.8	882.2	868.7	1.5	3.1
Hotels and other lodging places	28.4	27.8	28.0	2.4	1.6
Laundry, cleaning, & garment services ..	16.3	16.2	16.4	.8	- .1
Business services	132.9	131.7	125.3	.9	6.1
Health services	326.4	325.8	316.2	.2	3.2
Hospitals	177.3	177.5	174.0	- .1	1.9
GOVERNMENT	671.9	671.2	667.7	.1	.6
Federal government	89.5	89.4	88.0	.1	1.7
State government	147.2	147.2	146.7	.0	.3
State government, except education ...	68.6	68.6	70.4	- .1	- 2.6
State government education[i]	78.6	78.6	76.3	.0	3.1
Local government	435.2	434.6	433.0	.1	.5
Local government, except education ...	178.8	177.6	179.5	.7	- .4
Local government education	256.4	257.0	253.4	- .2	1.2

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[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes miscellaneous manufacturing. [f] Includes tobacco manufactures. [h] Depressed due to labor-management disputes. [i] Includes State Universities, State Schools for Deaf and Blind, and the State Library. Excludes hospitals, the agricultural extension service, agricultural research centers, and departments coordinating and administering educational programs (notably, the Ohio Department of Education).

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN OHIO[a]
APRIL 1984 (Continued)

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	April 1984[b]	March 1984[c]	April 1983[c]	Apr. 1984[b]	Mar. 1984[c]	Apr. 1983[c]	Apr. 1984[b]	Mar. 1984[c]	Apr. 1983[c]
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
MINING	$479.39	$483.36	$442.26	42.2	42.7	42.0	$11.36	$11.32	$10.53
Bituminous coal and lignite mining	591.21	606.73	557.40	41.9	43.0	42.1	14.11	14.11	13.24
CONSTRUCTION	586.24	592.70	538.14	37.7	37.3	35.9	15.55	15.89	14.99
General building contractors	523.24	502.68	486.79	36.9	35.4	35.3	14.18	14.20	13.79
Heavy construction contractors	570.47	565.40	513.22	39.1	38.1	35.2	14.59	14.84	14.58
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Railroad transportation	......	......	......	....	....	....	....	....	....
Transportation, except railroads	......	......	......	....	....	....	....	....	....
Trucking and warehousing	455.52	466.25	460.88	36.5	37.3	36.9	12.48	12.50	12.49
Communication, electric, gas services	486.41	481.99	444.89	40.5	40.3	39.9	12.01	11.96	11.15
Communication	483.61	482.80	436.55	40.2	40.1	39.4	12.03	12.04	11.08
Electric, gas, and sanitary services	489.98	481.52	455.63	40.9	40.6	40.5	11.98	11.86	11.25
WHOLESALE TRADE	337.66	334.31	322.37	39.4	39.1	38.7	8.57	8.55	8.33
Wholesale trade-durable goods	335.20	332.77	317.07	40.0	39.9	39.0	8.38	8.34	8.13
Motor vehicles & automotive equipment	274.06	275.66	271.22	38.6	38.5	36.9	7.10	7.16	7.35
Electrical goods	278.99	276.36	261.43	37.6	37.6	37.4	7.42	7.35	6.99
Machinery, equipment, and supplies	382.70	379.03	355.91	40.8	40.8	39.9	9.38	9.29	8.92
Wholesale trade-nondurable goods	340.49	335.80	330.22	38.3	37.8	38.0	8.89	8.91	8.69
Groceries and related products	358.90	359.79	354.08	40.1	39.8	40.1	8.95	9.04	8.83
RETAIL TRADE[f]	160.89	158.95	156.89	29.2	28.9	29.0	5.51	5.50	5.41
General merchandise stores	170.08	165.19	159.97	30.7	30.2	29.9	5.54	5.47	5.35
Department stores	173.10	168.17	162.90	30.8	30.3	30.0	5.62	5.55	5.43
Food stores	211.10	210.40	222.17	30.2	30.1	30.9	6.99	6.99	7.19
Automotive dealers & service stations	222.74	219.13	206.91	36.1	36.1	36.3	6.17	6.07	5.70
Apparel and accessory stores	117.33	116.16	114.11	25.9	25.7	25.7	4.53	4.52	4.44
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
Banking	222.84	222.84	213.56	....	....	....	....	....	....
Credit agencies other than banks	219.77	216.73	209.60	....	....	....	....	....	....
Insurance carriers	297.64	295.69	286.23	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
Hotels and other lodging places	......	......	......	....	....	....	....	....	....
Laundry, cleaning, & garment services	......	......	......	....	....	....	....	....	....
Business services	......	......	......	....	....	....	....	....	....
Health services	......	......	......	....	....	....	....	....	....
Hospitals	286.24	282.86	277.10	33.4	33.2	34.0	8.57	8.52	8.15
GOVERNMENT	......	......	......	....	....	....	....	....	....
Federal government	......	......	......	....	....	....	....	....	....
State government	......	......	......	....	....	....	....	....	....
State government, except education	......	......	......	....	....	....	....	....	....
State government education	......	......	......	....	....	....	....	....	....
Local government	......	......	......	....	....	....	....	....	....
Local government, except education	......	......	......	....	....	....	....	....	....
Local government education	......	......	......	....	....	....	....	....	....

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes miscellaneous manufacturing. [e] Includes tobacco manufactures. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

Labor Market Information Division
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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN AKRON METROPOLITAN AREA[a]
APRIL 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	April 1984[b]	March 1984[c]	April 1983[c]	March 1984	April 1983
TOTAL	249.7	246.4	242.5	1.3	3.0
MANUFACTURING	67.1	66.7	64.7	.6	3.7
Durable Goods[e]	34.5	34.1	32.3	1.2	6.8
Stone, clay, and glass products	1.4	1.3	1.5	3.8	- 4.8
Fabricated metal products	12.9	12.9	12.6	.2	2.4
Machinery, except electrical	8.9	8.8	8.2	1.5	8.5
Special industry machinery	1.4	1.4	1.3	3.2	10.8
Nondurable Goods[f]	32.6	32.6	32.3	- .1	.7
Food and kindred products	2.7	2.7	2.6	1.0	6.9
Chemicals and allied products	2.9	2.9	3.2	.2	- 11.3
Rubber and misc. plastics products	21.7	21.7	21.4	- .2	1.1
Tires and inner tubes	15.5	15.5	15.6	.0	- .8
NONMANUFACTURING[g]	182.6	179.7	177.8	1.6	2.7
CONSTRUCTION	6.4	5.6	5.8	13.9	9.7
TRANSPORTATION AND PUBLIC UTILITIES	12.3	12.1	12.5	.9	- 1.9
Communication, electric, gas services	5.3	5.3	5.5	.2	- 3.1
WHOLESALE TRADE	11.5	11.6	11.5	- .6	.1
RETAIL TRADE	45.0	44.0	44.3	2.3	1.7
FINANCE, INSURANCE, AND REAL ESTATE	9.5	9.5	9.2	.5	4.0
SERVICES	54.2	53.0	51.4	2.3	5.4
GOVERNMENT	43.0	43.2	42.5	- .3	1.3
State government (includes education)	15.0	15.0	14.3	- .4	4.4
Local government (includes education)	26.0	26.1	26.1	- .3	- .6

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Akron area is defined as Portage and Summit Counties. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; primary metal industries; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN AKRON METROPOLITAN AREA[a]
APRIL 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	April 1984[b]	March 1984[c]	April 1983[c]	Apr. 1984[b]	Mar. 1984[c]	Apr. 1983[c]	Apr. 1984[b]	Mar. 1984[c]	Apr. 1983[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$472.16	$471.52	$435.20	43.8	43.7	42.5	$10.78	$10.79	$10.24
Durable Goods[d]	491.50	489.92	438.70	44.2	43.9	42.8	11.12	11.16	10.25
Stone, clay, and glass products	393.05	390.58	380.14	41.2	41.2	40.7	9.54	9.48	9.34
Fabricated metal products	605.57	603.40	491.18	45.6	45.3	43.2	13.28	13.32	11.37
Machinery, except electrical	409.73	407.83	409.97	44.2	43.9	43.8	9.27	9.29	9.36
Special industry machinery	498.10	462.06	385.70	48.5	45.3	40.6	10.27	10.20	9.50
Nondurable Goods[e]	445.12	444.26	428.82	43.3	43.3	42.0	10.28	10.26	10.21
Food and kindred products	447.48	464.33	430.96	44.0	45.3	43.4	10.17	10.25	9.93
Chemicals and allied products	451.41	473.70	448.36	41.3	43.3	41.4	10.93	10.94	10.83
Rubber and misc. plastics products	476.22	468.52	445.55	44.8	44.2	42.8	10.63	10.60	10.41
Tires and inner tubes	618.98	618.98	573.30	46.4	46.4	44.1	13.34	13.34	13.00
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	567.01	563.70	514.22	36.3	35.7	35.1	15.62	15.79	14.65
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	500.20	495.72	446.08	40.7	40.5	39.9	12.29	12.24	11.18
WHOLESALE TRADE	315.19	310.07	291.43	39.3	39.2	38.6	8.02	7.91	7.55
RETAIL TRADE[f]	177.31	176.42	170.82	29.8	29.6	29.3	5.95	5.96	5.83
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
State government (includes education)	......	......	......	....	....	....	....	....	....
Local government (includes education)	......	......	......	....	....	....	....	....	....

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Akron area is defined as Portage and Summit Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; furniture and fixtures; primary metal industries; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

Labor Market Information Division
Ohio Bureau of Employment Services
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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CANTON METROPOLITAN AREA[a]
APRIL 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	April 1984[b]	March 1984[c]	April 1983[c]	March 1984	April 1983
TOTAL	146.9	145.0	141.9	1.3	3.5
MANUFACTURING	45.5	45.5	42.5	- .1	6.9
Durable Goods[e]	34.1	34.3	32.3	- .6	5.5
Stone, clay, and glass products	1.5	1.6	1.7	- 3.0	- 10.6
Primary metal industries	11.1	11.1	9.9	- .4	11.9
Fabricated metal products	7.3	7.3	7.4	.2	- 1.7
Fabricated structural metal products	1.7	1.8	2.1	- 3.0	- 16.7
Metal forgings and stampings	2.4	2.3	2.1	2.6	10.3
Nondurable Goods[f]	11.4	11.2	10.2	1.4	11.2
Food and kindred products	4.0	3.9	3.6	3.1	11.3
Rubber and misc. plastics products	2.8	2.8	2.3	.7	19.9
NONMANUFACTURING[g]	101.4	99.5	99.4	2.0	2.1
CONSTRUCTION	4.3	3.8	3.7	13.0	16.4
TRANSPORTATION AND PUBLIC UTILITIES	5.6	5.6	5.9	.2	- 5.7
Communication, electric, gas services	2.7	2.7	2.9	- .1	- 7.3
WHOLESALE TRADE	7.5	7.3	7.2	1.7	3.2
RETAIL TRADE	25.8	25.0	25.5	3.1	1.1
FINANCE, INSURANCE, AND REAL ESTATE	6.7	6.6	6.3	.7	5.5
SERVICES	31.7	31.1	31.1	1.8	1.9
GOVERNMENT	18.6	18.6	18.5	- .1	.5
Local government (includes education)	15.8	15.8	15.6	.0	1.1

[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Canton area is defined as Carroll and Stark Counties. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

Labor Market Information Division
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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CANTON METROPOLITAN AREA[a]

APRIL 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	April 1984[b]	March 1984[c]	April 1983[c]	Apr. 1984[b]	Mar. 1984[c]	Apr. 1983[c]	Apr. 1984[b]	Mar. 1984[c]	Apr. 1983[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$441.86	$444.31	$410.41	40.5	40.8	39.5	$10.91	$10.89	$10.39
Durable Goods[d]	457.73	460.00	422.41	40.4	40.6	39.7	11.33	11.33	10.64
Stone, clay, and glass products	285.11	277.99	276.49	40.1	39.6	40.6	7.11	7.02	6.81
Primary metal industries	501.83	508.00	449.16	40.7	41.1	38.0	12.33	12.36	11.82
Fabricated metal products	528.36	527.52	483.81	42.0	41.8	41.6	12.58	12.62	11.63
Fabricated structural metal products .	400.57	385.92	460.51	41.0	39.5	41.6	9.77	9.77	11.07
Metal forgings and stampings	663.30	668.56	571.58	45.0	44.9	41.6	14.74	14.89	13.74
Nondurable Goods[e]	394.28	394.96	368.99	40.9	41.4	38.8	9.64	9.54	9.51
Food and kindred products	419.98	423.85	424.79	41.5	42.9	39.7	10.12	9.88	10.70
Rubber and misc. plastics products	447.55	450.01	372.50	44.4	44.6	40.8	10.08	10.09	9.13
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	590.90	573.66	492.36	38.0	36.4	33.7	15.55	15.76	14.61
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services ..	487.15	485.93	447.60	40.8	40.8	40.0	11.94	11.91	11.19
WHOLESALE TRADE	304.48	300.76	300.56	35.2	35.3	36.3	8.65	8.52	8.28
RETAIL TRADE[f]	159.35	156.85	155.93	29.4	29.1	29.2	5.42	5.39	5.34
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
Local government (includes education) ..	......	......	......	....	....	....	....	....	....

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Canton area is defined as Carroll and Stark Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; furniture and fixtures; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CINCINNATI METROPOLITAN AREA[a]
APRIL 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	April 1984[b]	March 1984[c]	April 1983[c]	March 1984	April 1983
TOTAL	584.4	576.7	570.6	1.3	2.4
MANUFACTURING	144.7	144.1	139.7	.4	3.6
Durable Goods[e]	78.6	78.3	75.7	.3	3.7
Furniture and fixtures	1.9	2.0	2.1	-2.5	-7.8
Primary metal industries	2.0	2.0	1.7	.7	16.1
Fabricated metal products	12.5	12.5	11.9	-.5	5.0
Fabricated structural metal products	3.6	3.6	3.8	.1	-5.0
Machinery, except electrical	18.9	18.9	18.8	.3	1.0
Metalworking machinery	7.9	7.9	8.1	.4	-2.4
General industrial machinery	3.5	3.5	3.4	.4	2.3
Electric and electronic equipment	8.2	8.2	8.0	-.2	3.0
Transportation equipment	25.2	25.1	23.7	.4	6.7
Motor vehicles and equipment	10.2	10.2	9.1	.2	12.7
Nondurable Goods[f]	66.1	65.8	63.9	.4	3.3
Food and kindred products	14.6	14.5	14.1	.7	3.2
Meat products	2.3	2.3	1.9	.7	19.3
Bakery products	2.6	2.5	2.4	1.0	7.2
Beverages	4.2	4.2	4.3	1.6	-.5
Apparel and other textile products	4.1	3.9	3.7	4.8	10.2
Paper and allied products	6.0	6.1	5.6	-.7	8.2
Printing and publishing	11.7	11.7	11.5	.7	1.7
Chemicals and allied products	21.6	21.6	21.3	.2	1.3
Rubber and misc. plastics products	5.0	4.9	4.3	1.4	15.9
NONMANUFACTURING[g]	439.8	432.6	430.9	1.7	2.0
CONSTRUCTION	19.6	18.9	18.2	3.8	7.5
TRANSPORTATION AND PUBLIC UTILITIES	30.6	30.6	31.3	.2	-2.2
Communication, electric, gas services	14.0	14.0	14.9	-.3	-6.1
WHOLESALE TRADE	35.8	35.7	35.7	.4	.3
RETAIL TRADE	103.5	100.9	102.5	2.6	.9
FINANCE, INSURANCE, AND REAL ESTATE	33.1	33.0	32.6	.2	1.4
Banking	7.4	7.4	7.3	.0	.2
Insurance carriers	11.2	11.2	11.2	.2	.3
SERVICES	135.2	131.4	129.1	2.9	4.7
GOVERNMENT	81.5	81.7	81.0	-.2	.6
Federal government	13.4	13.3	12.6	.4	5.8
State government (includes education)	17.9	17.9	18.4	-.1	-2.9
Local government	50.3	50.6	50.0	-.5	.6
Local government, except education	21.2	21.0	21.4	.7	-1.2
Local government education	29.1	29.5	28.6	-1.3	2.0

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[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Cincinnati area is defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; stone, clay, and glass products; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

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Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CINCINNATI METROPOLITAN AREA[a]

APRIL 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	April 1984[b]	March 1984[c]	April 1983[c]	Apr. 1984[b]	Mar. 1984[c]	Apr. 1983[c]	Apr. 1984[b]	Mar. 1984[c]	Apr. 1983[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$446.48	$436.81	$410.45	42.2	41.8	40.8	$10.58	$10.45	$10.06
Durable Goods[d]	432.63	429.31	393.73	41.8	41.6	40.3	10.35	10.32	9.77
Furniture and fixtures	353.62	344.04	305.37	42.4	41.5	39.2	8.34	8.29	7.79
Primary metal industries	476.84	470.35	405.91	41.5	40.9	37.9	11.49	11.50	10.71
Fabricated metal products	372.00	369.74	374.51	40.0	39.8	41.2	9.30	9.29	9.09
Fabricated structural metal products	359.79	358.70	343.71	40.2	39.9	40.2	8.95	8.99	8.55
Machinery, except electrical	394.70	395.64	353.99	41.9	42.0	38.9	9.42	9.42	9.10
Metalworking machinery	436.86	441.00	383.25	40.6	41.1	37.5	10.76	10.73	10.22
General industrial machinery	364.23	359.94	341.07	42.7	42.0	40.7	8.53	8.57	8.38
Electric and electronic equipment	332.73	327.47	301.85	41.8	41.4	39.1	7.96	7.91	7.72
Transportation equipment	609.34	606.30	539.22	43.4	43.4	41.8	14.04	13.97	12.90
Motor vehicles and equipment	691.56	675.07	594.18	45.2	44.5	42.2	15.30	15.17	14.08
Nondurable Goods[e]	460.51	443.72	427.87	42.6	41.9	41.3	10.81	10.59	10.36
Food and kindred products	498.07	495.20	486.92	42.9	42.8	42.9	11.61	11.57	11.35
Meat products	410.31	437.58	402.19	42.3	44.2	40.3	9.70	9.90	9.98
Bakery products	496.69	463.14	428.08	43.8	41.8	42.3	11.34	11.08	10.12
Beverages	471.22	467.46	438.90	42.3	42.0	41.8	11.14	11.13	10.50
Apparel and other textile products	215.80	227.24	232.62	36.7	38.0	38.9	5.88	5.98	5.98
Paper and allied products	399.60	397.54	361.21	43.2	43.4	41.0	9.25	9.16	8.81
Printing and publishing	445.46	429.20	420.55	41.4	40.0	39.9	10.76	10.73	10.54
Chemicals and allied products	551.82	523.18	477.71	43.9	42.5	40.9	12.57	12.31	11.68
Rubber and misc. plastics products	413.12	364.05	385.05	45.8	45.0	45.3	9.02	8.09	8.50
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	542.05	542.03	509.08	37.0	36.5	35.6	14.65	14.85	14.30
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	463.69	450.85	430.81	38.9	38.9	39.2	11.92	11.59	10.99
WHOLESALE TRADE	360.04	355.52	331.35	41.1	40.4	38.8	8.76	8.80	8.54
RETAIL TRADE[f]	166.24	163.40	156.45	30.9	30.6	29.8	5.38	5.34	5.25
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
Banking	230.04	227.35	219.23	....	....	....	....	....	....
Insurance carriers	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
Federal government	......	......	......	....	....	....	....	....	....
State government (includes education)	......	......	......	....	....	....	....	....	....
Local government	......	......	......	....	....	....	....	....	....
Local government, except education	......	......	......	....	....	....	....	....	....
Local government education	......	......	......	....	....	....	....	....	....

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[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Cincinnati area is defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; stone, clay, and glass products; instruments and related products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

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Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CLEVELAND METROPOLITAN AREA[a]
APRIL 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	April 1984[b]	March 1984[c]	April 1983[c]	March 1984	April 1983
TOTAL	827.0	821.2	818.0	.7	1.1
MANUFACTURING	211.4	211.6	205.1	- .1	3.1
Durable Goods[e]	146.9	147.2	142.8	- .2	2.9
Furniture and fixtures	2.3	2.3	2.0	.8	15.7
Primary metal industries	25.0	25.0	23.8	- .1	4.9
Blast furnace and basic steel products	12.1	12.1	12.1	.0	.4
Iron and steel foundries	6.2	6.2	5.7	- .3	8.0
Nonferrous foundries	2.6	2.6	2.5	2.4	5.1
Fabricated metal products	32.1	31.8	30.8	.8	4.4
Fabricated structural metal products	3.8	3.7	3.5	3.1	8.7
Screw machine products, bolts, etc.	4.3	4.2	4.3	2.8	- 1.1
Metal forgings and stampings	11.1	11.0	10.7	.5	3.7
Machinery, except electrical	32.0	31.8	30.2	.5	6.0
Construction and related machinery	4.9	5.0	4.7[h]	- 1.2	4.1
Metalworking machinery	10.5	10.5	10.1	.5	4.0
Special industry machinery	3.2	3.1	2.9	1.6	8.7
General industrial machinery	2.7	2.7	2.7	.3	- 1.0
Electric and electronic equipment	22.3	22.3	22.2	- .1	.3
Electrical industrial apparatus	7.5	7.6	7.5	- .9	.7
Transportation equipment	19.6	20.3	20.6	- 3.6	- 4.9
Motor vehicles and equipment	13.2	14.0	14.2	- 5.7	- 7.1
Instruments and related products	5.8	5.8	5.8	.3	1.5
Nondurable Goods[f]	64.5	64.5	62.3	.1	3.5
Food and kindred products	7.6	7.6	7.6	.7	.4
Bakery products	1.7	1.7	1.7	- 1.5	- 3.1
Beverages	1.6	1.6	1.6	.0	.6
Apparel and other textile products	5.3	5.2	5.0	1.3	6.6
Paper and allied products	5.0	4.9	4.7	.4	4.5
Printing and publishing	15.2	15.2	14.7	.3	3.9
Chemicals and allied products	14.3	14.3	14.3	.1	.4
Industrial inorganic chemicals	3.3	3.3	3.5	- .2	- 6.0
Rubber and misc. plastics products	11.2	11.3	10.4	- 1.6	7.4
NONMANUFACTURING[g]	615.6	609.5	612.9	1.0	.4
CONSTRUCTION	23.6	22.4	22.7	5.4	4.0
TRANSPORTATION AND PUBLIC UTILITIES	41.1	40.2	41.2	2.2	- .2
Communication, electric, gas services	19.6	19.5	20.1	.2	- 2.9
WHOLESALE TRADE	57.3	57.3	57.8	.0	- .8
RETAIL TRADE	132.4	130.7	132.4	1.3	- .1
FINANCE, INSURANCE, AND REAL ESTATE	47.9	48.1	48.3	- .4	- .8
Banking	12.7	12.8	13.4	- 1.3	- 5.7
Insurance carriers	11.5	11.8	12.0	- 2.4	- 3.7
SERVICES	199.3	196.7	193.6	1.3	2.9
GOVERNMENT	112.8	112.7	115.8	.0	- 2.6
Federal government	19.5	19.5	19.2	- .1	1.4
State government (includes education)	8.0	8.0	8.2	.7	- 2.1
Local government	85.3	85.2	88.4	.0	- 3.5
Local government, except education	42.9	42.6	44.4	.6	- 3.5
Local government education	42.4	42.6	44.0	- .5	- 3.6

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Cleveland area is defined as Cuyahoga, Geauga, Lake, and Medina Counties. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; stone, clay, and glass products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CLEVELAND METROPOLITAN AREA[a]
APRIL 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	April 1984[b]	March 1984[c]	April 1983[c]	Apr. 1984[b]	Mar. 1984[c]	Apr. 1983[c]	Apr. 1984[b]	Mar. 1984[c]	Apr. 1983[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$455.76	$457.26	$416.52	42.2	42.3	40.4	$10.80	$10.81	$10.31
Durable Goods[d]	485.78	486.64	441.05	42.8	42.8	40.8	11.35	11.37	10.81
Furniture and fixtures	327.59	344.21	302.25	41.0	42.6	38.8	7.99	8.08	7.79
Primary metal industries	522.91	531.29	492.06	41.6	41.9	40.3	12.57	12.68	12.21
Blast furnace and basic steel products	486.20	485.64	460.64	37.2	37.1	36.1	13.07	13.09	12.76
Iron and steel foundries	664.20	693.22	619.89	45.0	46.4	44.5	14.76	14.94	13.93
Nonferrous foundries	381.50	364.66	364.91	43.8	42.6	41.8	8.71	8.56	8.73
Fabricated metal products	476.01	472.38	431.59	43.0	43.1	41.3	11.07	10.96	10.45
Fabricated structural metal products	337.82	344.84	329.84	39.1	39.5	38.0	8.64	8.73	8.68
Screw machine products, bolts, etc.	452.81	463.22	395.38	44.7	46.0	41.1	10.13	10.07	9.62
Metal forgings and stampings	618.30	601.61	545.97	45.8	45.2	43.4	13.50	13.31	12.58
Machinery, except electrical	475.63	473.86	412.48	43.2	43.0	39.7	11.01	11.02	10.39
Construction and related machinery	479.99	474.40	409.20	39.8	39.5	37.2	12.06	12.01	11.00
Metalworking machinery	420.62	422.89	415.51	41.4	41.5	39.8	10.16	10.19	10.44
Special industry machinery	489.87	489.04	445.63	41.2	41.2	41.3	11.89	11.87	10.79
General industrial machinery	415.52	417.78	353.57	42.4	42.5	38.1	9.80	9.83	9.28
Electric and electronic equipment	414.39	420.73	357.34	41.9	42.2	38.3	9.89	9.97	9.33
Electrical industrial apparatus	430.44	434.18	338.88	42.2	42.4	34.9	10.20	10.24	9.71
Transportation equipment	619.26	612.90	570.82	45.4	45.0	44.7	13.64	13.62	12.77
Motor vehicles and equipment	667.70	648.24	605.69	46.4	45.3	45.1	14.39	14.31	13.43
Instruments and related products	380.94	381.85	344.51	42.0	42.1	40.2	9.07	9.07	8.57
Nondurable Goods[e]	378.92	380.48	353.42	40.7	41.0	39.4	9.31	9.28	8.97
Food and kindred products	400.86	380.69	370.47	41.8	40.2	40.4	9.59	9.47	9.17
Bakery products	437.57	419.67	378.50	42.4	41.8	39.8	10.32	10.04	9.51
Beverages	356.12	335.75	328.85	41.7	39.5	40.3	8.54	8.50	8.16
Apparel and other textile products	276.23	279.57	255.44	38.1	39.1	37.4	7.25	7.15	6.83
Paper and allied products	427.37	422.82	382.75	43.3	43.5	41.2	9.87	9.72	9.29
Printing and publishing	372.86	371.26	359.56	37.1	37.2	36.1	10.05	9.98	9.96
Chemicals and allied products	467.46	483.48	434.93	42.0	43.4	40.8	11.13	11.14	10.66
Industrial inorganic chemicals	510.62	529.74	460.63	42.2	43.6	40.8	12.10	12.15	11.29
Rubber and misc. plastics products	342.45	351.16	327.60	42.7	43.3	42.0	8.02	8.11	7.80
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	712.70	793.79	620.31	38.4	41.3	37.1	18.56	19.22	16.72
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	514.40	511.11	464.51	40.6	40.5	39.6	12.67	12.62	11.73
WHOLESALE TRADE	350.86	347.81	331.96	39.6	39.3	38.6	8.86	8.85	8.60
RETAIL TRADE[f]	172.39	171.74	167.79	28.4	28.2	28.2	6.07	6.09	5.95
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
Banking	252.49	252.15	240.92	....	....	....	....	....	....
Insurance carriers	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
Federal government	......	......	......	....	....	....	....	....	....
State government (includes education)	......	......	......	....	....	....	....	....	....
Local government	......	......	......	....	....	....	....	....	....
Local government, except education	......	......	......	....	....	....	....	....	....
Local government education	......	......	......	....	....	....	....	....	....

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[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Cleveland area is defined as Cuyahoga, Geauga, Lake, and Medina Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; stone, clay, and glass products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN COLUMBUS METROPOLITAN AREA[a]
APRIL 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	April 1984[b]	March 1984[c]	April 1983[c]	March 1984	April 1983
TOTAL	514.1	509.1	495.0	1.0	3.9
MANUFACTURING	87.2	87.0	82.8	.3	5.3
Durable Goods[e]	56.3	56.2	52.0	.1	8.2
Stone, clay, and glass products	9.2	9.3	9.0	- 1.4	2.2
Fabricated metal products	10.1	10.0	9.2	.7	9.3
Machinery, except electrical	9.7	9.7	8.9	- .2	9.0
Electric and electronic equipment	10.3	10.2	9.8	.5	4.6
Transportation equipment	8.9	8.8	7.5	.5	18.6
Nondurable Goods[f]	30.9	30.8	30.8	.6	.4
Food and kindred products	10.0	9.9	9.9	1.1	1.4
Printing and publishing	8.0	8.0	8.1	.2	- 1.7
Chemicals and allied products	6.2	6.2	6.1	.8	1.9
Rubber and misc. plastics products	2.7	2.6	2.6	.2	3.7
NONMANUFACTURING[g]	426.9	422.1	412.1	1.1	3.6
CONSTRUCTION	15.0	13.9	14.0	7.7	7.4
TRANSPORTATION AND PUBLIC UTILITIES	22.9	22.8	22.5	.4	1.8
Communication, electric, gas services	11.2	11.2	10.9	.0	2.2
WHOLESALE TRADE	27.7	27.5	27.1	.8	2.3
RETAIL TRADE	95.6	94.1	91.8	1.7	4.1
FINANCE, INSURANCE, AND REAL ESTATE	44.8	44.6	42.2	.3	6.1
Banking	8.8	8.9	8.4	- .1	5.4
Insurance carriers	18.1	18.1	17.9	.1	1.0
SERVICES	116.4	114.8	111.8	1.4	4.1
GOVERNMENT	103.9	103.9	102.2	.1	1.7
Federal government	11.5	11.5	11.2	.0	2.5
State government	49.4	49.2	49.4	.5	.1
State government, except education	27.6	27.7	28.4	- .5	- 2.9
State government education[i]	21.9	21.5	21.0	1.8	4.1
Local government	43.0	43.2	41.6	- .3	3.5
Local government, except education	17.5	17.3	17.0	.9	3.0
Local government education	25.5	25.9	24.6	- 1.2	3.8

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Columbus area is defined as Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes. [i] Includes State Universities, State Schools for Deaf and Blind, and the State Library. Excludes hospitals, the agricultural extension service, agricultural research centers, and departments coordinating and administering education programs (notably, the Ohio Department of Education).

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN COLUMBUS METROPOLITAN AREA[a]
APRIL 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	April 1984[b]	March 1984[c]	April 1983[c]	Apr. 1984[b]	Mar. 1984[c]	Apr. 1983[c]	Apr. 1984[b]	Mar. 1984[c]	Apr. 1983[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$416.77	$412.08	$396.77	40.7	40.4	40.2	$10.24	$10.20	$ 9.87
Durable Goods[d]	430.03	423.80	415.67	40.8	40.4	40.2	10.54	10.49	10.34
Stone, clay, and glass products	398.93	379.66	371.45	40.5	39.1	39.1	9.85	9.71	9.50
Fabricated metal products	498.11	505.90	514.50	40.3	40.7	42.0	12.36	12.43	12.25
Machinery, except electrical	404.07	396.62	372.24	41.7	41.1	39.6	9.69	9.65	9.40
Electric and electronic equipment	419.23	410.67	388.90	40.9	40.5	40.3	10.25	10.14	9.65
Transportation equipment	508.62	499.73	533.05	42.0	41.3	44.2	12.11	12.10	12.06
Nondurable Goods[e]	387.84	387.03	361.89	40.4	40.4	40.3	9.60	9.58	8.98
Food and kindred products	365.82	368.96	346.12	40.2	40.5	40.2	9.10	9.11	8.61
Printing and publishing	441.47	444.91	425.22	37.7	37.8	38.0	11.71	11.77	11.19
Chemicals and allied products	459.85	456.96	403.74	42.5	42.0	40.7	10.82	10.88	9.92
Rubber and misc. plastics products	307.97	307.34	324.11	40.1	40.6	43.1	7.68	7.57	7.52
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	485.35	457.88	477.12	37.8	35.8	35.5	12.84	12.79	13.44
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	510.43	495.20	457.41	40.9	40.0	39.5	12.48	12.38	11.58
WHOLESALE TRADE	290.90	291.30	316.76	39.1	39.1	39.3	7.44	7.45	8.06
RETAIL TRADE[f]	158.98	156.22	161.77	28.8	28.3	29.2	5.52	5.52	5.54
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	.....	....
Banking	239.03	240.30	229.57	....	....	....	....	....	....
Insurance carriers	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
Federal government	......	......	......	....	....	....	....	....	....
State government	......	......	......	....	....	....	....	....	....
State government, except education	......	......	......	....	....	....	....	....	....
State government education	......	......	......	....	....	....	....	....	....
Local government	......	......	......	....	....	....	....	....	....
Local government, except education	......	......	......	....	....	....	....	....	....
Local government education	......	......	......	....	....	....	....	....	....

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Columbus area is defined as Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN DAYTON METROPOLITAN AREA[a]
APRIL 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	April 1984[b]	March 1984[c]	April 1983[c]	March 1984	April 1983
TOTAL	343.5	341.2	332.4	.7	3.4
MANUFACTURING	91.1	91.1	84.5	-.1	7.8
Durable Goods[e]	63.3	63.3	58.6	.1	8.0
Stone, clay, and glass products	2.0	2.0	1.9	1.2	7.0
Fabricated metal products	7.0	6.9	6.3	1.1	9.7
Machinery, except electrical	29.5	29.7	27.7	-.6	6.4
Metalworking machinery	6.6	6.6	6.3	.2	5.0
Electric and electronic equipment	5.0	5.0	4.7	-.8	6.8
Electrical industrial apparatus	2.9	2.9	2.8	.2	3.8
Transportation equipment	13.5	13.4	12.6	.3	7.2
Nondurable Goods[f]	27.8	27.8	25.9	-.3	7.3
Food and kindred products	2.8	2.8	2.7	-1.1	2.9
Paper and allied products	5.6	5.6	5.1	.2	9.7
Printing and publishing	7.4	7.4	7.2	.6	3.5
Rubber and misc. plastics products	8.3	8.4	7.5	-.3	11.4
NONMANUFACTURING[g]	252.5	250.1	247.9	.9	1.9
CONSTRUCTION	8.6	8.0	8.2	7.4	4.8
TRANSPORTATION AND PUBLIC UTILITIES	12.7	12.6	12.6	.9	1.0
Communication, electric, gas services	5.6	5.6	6.0	-.1	-6.0
WHOLESALE TRADE	16.8	16.7	16.5	.7	1.9
RETAIL TRADE	54.8	53.8	54.4	2.0	.8
FINANCE, INSURANCE, AND REAL ESTATE	14.0	13.9	13.6	1.2	2.9
SERVICES	77.8	77.7	75.4	.1	3.1
GOVERNMENT	67.5	67.3	66.9	.4	.9
Federal government	26.3	26.3	25.8	.0	2.0
State government (includes education)	6.2	6.1	5.9	.9	4.2
Local government	35.0	34.8	35.2	.5	-.4
Local government, except education	12.9	12.8	12.8	.7	.7
Local government education	22.1	22.0	22.3	.4	-1.1

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Dayton area is defined as Greene, Miami, Montgomery, and Preble Counties. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN DAYTON METROPOLITAN AREA[a]
APRIL 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	April 1984[b]	March 1984[c]	April 1983[c]	Apr. 1984[b]	Mar. 1984[c]	Apr. 1983[c]	Apr. 1984[b]	Mar. 1984[c]	Apr. 1983[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$479.45	$475.94	$425.39	43.0	42.8	41.1	$11.15	$11.12	$10.35
Durable Goods[d]	484.53	480.13	424.36	43.3	43.1	41.2	11.19	11.14	10.30
Stone, clay, and glass products	380.03	372.93	355.42	40.3	39.8	38.3	9.43	9.37	9.28
Fabricated metal products	386.76	349.67	339.80	43.9	40.1	40.5	8.81	8.72	8.39
Machinery, except electrical	523.88	524.61	443.27	44.7	44.8	41.7	11.72	11.71	10.63
Metalworking machinery	499.78	497.85	463.32	45.6	45.8	44.0	10.96	10.87	10.53
Electric and electronic equipment	337.43	328.45	312.05	41.1	40.6	39.6	8.21	8.09	7.88
Electrical industrial apparatus	370.44	360.50	332.69	42.0	41.2	39.7	8.82	8.75	8.38
Transportation equipment	605.09	594.00	520.74	43.5	43.2	41.1	13.91	13.75	12.67
Nondurable Goods[e]	465.63	465.63	427.99	42.1	42.1	40.8	11.06	11.06	10.49
Food and kindred products	401.39	393.02	385.70	43.3	43.0	39.6	9.27	9.14	9.74
Paper and allied products	427.05	420.85	363.58	45.0	44.3	41.6	9.49	9.50	8.74
Printing and publishing	405.00	402.70	368.02	37.5	37.6	35.8	10.80	10.71	10.28
Rubber and misc. plastics products	591.22	597.04	558.49	43.6	43.9	43.7	13.56	13.60	12.78
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	533.45	499.49	487.52	38.6	36.3	35.2	13.82	13.76	13.85
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	496.13	489.65	454.46	40.5	40.4	39.9	12.25	12.12	11.39
WHOLESALE TRADE	357.01	347.78	326.42	42.2	41.7	40.2	8.46	8.34	8.12
RETAIL TRADE[f]	158.89	156.10	153.12	29.1	28.8	29.0	5.46	5.42	5.28
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
Federal government	......	......	......	....	....	....	....	....	....
State government (includes education)	......	......	......	....	....	....	....	....	....
Local government	......	......	......	....	....	....	....	....	....
Local government, except education	......	......	......	....	....	....	....	....	....
Local government education	......	......	......	....	....	....	....	....	....

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Dayton area is defined as Greene, Miami, Montgomery, and Preble Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN TOLEDO METROPOLITAN AREA[a]
APRIL 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	April 1984[b]	March 1984[c]	April 1983[c]	March 1984	April 1983
TOTAL	291.0	288.2	276.2	1.0	5.4
MANUFACTURING	75.7	75.7	65.8	.0	15.1
Durable Goods[e]	59.4	59.2	50.7	.4	17.1
Stone, clay, and glass products	11.5	11.4	11.2	.3	2.4
Primary metal industries	4.0	4.1	3.6	-2.2	11.0
Fabricated metal products	8.5	8.4	7.4	1.4	14.7
Metal forgings and stampings	4.2	4.1	3.4	1.7	23.7
Machinery, except electrical	6.4	6.4	5.6	.2	14.7
General industrial machinery	1.6	1.6	1.3[h]	-.6	27.8
Transportation equipment	21.0	20.9	15.6	.5	34.4
Motor vehicles and equipment	19.7	19.6	14.4	.5	36.7
Nondurable Goods[f]	16.3	16.5	15.1	-1.5	8.1
Food and kindred products	4.0	3.8	3.8	4.1	4.2
Rubber and misc. plastics products	4.5	4.4	3.1	2.3	45.9
NONMANUFACTURING[g]	215.3	212.5	210.4	1.3	2.3
CONSTRUCTION	9.0	8.7	9.1	3.5	-1.1
TRANSPORTATION AND PUBLIC UTILITIES	17.5	17.2	17.2	1.6	1.5
Communication, electric, gas services	7.5	7.4	7.8	.2	-4.0
WHOLESALE TRADE	14.3	14.2	14.2	1.0	.7
RETAIL TRADE	48.6	47.7	49.0	1.9	-.8
FINANCE, INSURANCE, AND REAL ESTATE	10.9	10.8	10.6	1.3	3.3
SERVICES	65.7	64.9	62.9	1.3	4.4
GOVERNMENT	48.8	48.7	47.0	.2	4.0
State government (includes education)	15.6	15.6	15.1	-.1	3.0
Local government	30.5	30.4	29.1	.5	4.8
Local government, except education	12.0	11.9	11.3	1.1	6.5
Local government education	18.5	18.5	17.8	.1	3.7

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[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Toledo area is defined as Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; electric and electronic equipment; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN TOLEDO METROPOLITAN AREA[a]
APRIL 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	April 1984[b]	March 1984[c]	April 1983[c]	Apr. 1984[b]	Mar. 1984[c]	Apr. 1983[c]	Apr. 1984[b]	Mar. 1984[c]	Apr. 1983[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$506.05	$507.20	$473.45	43.7	43.8	42.5	$11.58	$11.58	$11.14
Durable Goods[d]	530.20	531.28	494.50	44.0	44.2	43.0	12.05	12.02	11.50
Stone, clay, and glass products	525.84	521.85	486.77	44.3	44.3	43.5	11.87	11.78	11.19
Primary metal industries	506.62	511.33	433.58	45.6	46.4	42.3	11.11	11.02	10.25
Fabricated metal products	493.92	479.57	485.29	44.1	43.4	44.4	11.20	11.05	10.93
Metal forgings and stampings	535.92	521.86	538.56	43.5	43.2	44.0	12.32	12.08	12.24
Machinery, except electrical	464.18	456.38	400.75	43.3	43.3	39.6	10.72	10.54	10.12
General industrial machinery	473.41	487.60	420.22	41.6	42.4	36.7	11.38	11.50	11.45
Transportation equipment	612.42	617.42	564.62	44.8	45.1	43.2	13.67	13.69	13.07
Motor vehicles and equipment	613.31	618.32	565.49	44.8	45.1	43.2	13.69	13.71	13.09
Nondurable Goods[e]	408.74	413.14	399.43	42.4	42.2	40.8	9.64	9.79	9.79
Food and kindred products	456.67	469.80	412.10	42.6	43.5	41.5	10.72	10.80	9.93
Rubber and misc. plastics products	343.63	333.06	328.03	42.9	42.0	40.2	8.01	7.93	8.16
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	672.00	666.47	623.25	40.0	39.6	37.5	16.80	16.83	16.62
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	527.06	513.34	474.29	42.3	41.6	41.1	12.46	12.34	11.54
WHOLESALE TRADE	329.38	325.74	330.11	37.6	37.1	37.9	8.76	8.78	8.71
RETAIL TRADE[f]	160.73	159.89	158.46	28.6	28.4	28.5	5.62	5.63	5.56
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
State government (includes education)	......	......	......	....	....	....	....	....	....
Local government	......	......	......	....	....	....	....	....	....
Local government, except education	......	......	......	....	....	....	....	....	....
Local government education	......	......	......	....	....	....	....	....	....

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[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Toledo area is defined as Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; furniture and fixtures; electric and electronic equipment; instruments and related products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN YOUNGSTOWN-WARREN METROPOLITAN AREA[a]
APRIL 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	April 1984[b]	March 1984[c]	April 1983[c]	March 1984	April 1983
TOTAL	181.3	179.0	176.4	1.3	2.8
MANUFACTURING	56.1	55.4	52.6	1.2	6.5
Durable Goods[e]	50.8	50.2	47.7	1.3	6.5
Stone, clay, and glass products	1.8	1.7	1.7	5.8	8.0
Primary metal industries	23.7	23.6	22.1	.6	7.5
Blast furnace and basic steel products	9.7	9.6	9.2	.9	5.9
Fabricated metal products	8.6	8.3	7.5	3.1	14.5
Fabricated structural metal products .	1.9	1.8	1.9	6.6	3.6
Machinery, except electrical	3.7	3.7	3.8	.2	- 4.0
Metalworking machinery	1.5	1.5	1.9	- 2.5	- 21.6
Electric and electronic equipment	2.7	2.6	2.6	.4	1.2
Transportation equipment	8.8	8.7	8.5	1.4	3.2
Nondurable Goods[f]	5.2	5.3	4.9	- .4	6.7
NONMANUFACTURING[g]	125.2	123.5	123.8	1.4	1.2
CONSTRUCTION	4.7	4.2	4.4	10.0	6.4
TRANSPORTATION AND PUBLIC UTILITIES	7.3	7.3	7.5	.4	- 2.5
Communication, electric, gas services ..	3.1	3.1	3.2	.5	- 5.0
WHOLESALE TRADE	7.8	7.7	7.5	1.3	3.3
RETAIL TRADE	33.2	32.5	33.7	2.0	- 1.5
FINANCE, INSURANCE, AND REAL ESTATE	7.3	7.2	7.1	.5	1.5
SERVICES	39.9	39.3	38.7	1.5	3.1
GOVERNMENT	24.5	24.6	24.2	- .5	1.3
Local government (includes education) ..	19.0	18.9	18.5	.9	2.7

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Youngstown-Warren area is defined as Mahoning and Trumbull Counties. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; instruments and related products; miscellaneous manufacturing. [f] Includes food and kindred products; tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and misc. plastics products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

Labor Market Information Division
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Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN YOUNGSTOWN-WARREN METROPOLITAN AREA[a]

APRIL 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	April 1984[b]	March 1984[c]	April 1983[c]	Apr. 1984[b]	Mar. 1984[c]	Apr. 1983[c]	Apr. 1984[b]	Mar. 1984[c]	Apr. 1983[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$561.13	$587.74	$504.69	43.6	44.9	41.3	$12.87	$13.09	$12.22
Durable Goods[d]	578.60	607.02	518.34	43.9	45.3	41.6	13.18	13.40	12.46
Stone, clay, and glass products	365.51	355.51	343.55	39.6	37.7	38.3	9.23	9.49	8.97
Primary metal industries	561.08	567.64	514.22	41.5	41.8	39.8	13.52	13.58	12.92
Blast furnace and basic steel products	541.31	522.32	482.67	40.7	39.6	37.1	13.30	13.19	13.01
Fabricated metal products	686.39	684.49	584.33	47.6	47.6	44.1	14.42	14.38	13.25
Fabricated structural metal products	406.81	420.29	410.82	40.6	39.8	39.2	10.02	10.56	10.48
Machinery, except electrical	459.65	453.07	453.16	39.9	39.5	38.6	11.52	11.47	11.74
Metalworking machinery	461.85	440.50	458.99	41.2	39.9	39.5	11.21	11.04	11.62
Electric and electronic equipment	445.45	437.18	407.83	43.8	43.5	41.7	10.17	10.05	9.78
Transportation equipment	671.73	810.65	586.33	48.5	55.6	45.7	13.85	14.58	12.83
Nondurable Goods[e]	349.92	349.76	347.09	39.9	39.7	38.1	8.77	8.81	9.11
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	569.52	557.87	521.41	36.0	34.5	34.9	15.82	16.17	14.94
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	485.61	486.01	443.69	40.1	40.1	39.9	12.11	12.12	11.12
WHOLESALE TRADE	335.78	340.13	300.26	36.3	36.3	35.2	9.25	9.37	8.53
RETAIL TRADE[f]	170.22	169.65	158.69	29.5	29.3	28.8	5.77	5.79	5.51
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
Local government (includes education)	......	......	......	....	....	....	....	....	....

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Youngstown-Warren area is defined as Mahoning and Trumbull Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; furniture and fixtures; instruments and related products; miscellaneous manufacturing. [e] Includes food and kindred products; tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and misc. plastics products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

Labor Market Information Division
Ohio Bureau of Employment Services
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NOTES ON OHIO EMPLOYMENT, HOURS, AND EARNINGS ESTIMATES

Civilian Labor Force Estimates

Civilian Labor Force.—Estimated number of workers 16 years of age and over, employed or unemployed during week including 12th of month, distributed by place of residence.

Total Employed.—Includes nonagricultural wage and salary workers, the self-employed, unpaid family workers, domestics, agricultural workers, and persons involved in labor disputes. Estimates of self-employed, domestics, and unpaid family workers based on data from U.S. Department of Labor and Bureau of the Census. Agricultural worker estimates derived from information supplied by U.S. Department of Agriculture. Estimates of workers involved in labor disputes based in part upon data from Federal Mediation and Conciliation Service. Employment distributed by place of residence.

Total Unemployed.—Estimated number of persons, by place of residence, who did not work during reference week and were looking for work, whether or not eligible for unemployment compensation. Includes those who did not work and were waiting to be called back to an old job or to report to a new job.

Nonagricultural Wage and Salary Employment

Collection.—Nonagricultural wage and salary employment as well as hours and earnings estimates based on monthly reports from sample of employers. Under cooperative arrangement with U.S. Bureau of Labor Statistics, Division of Research and Statistics of Ohio Bureau of Employment Services mails, edits, and processes Ohio reports, which are subsequently incorporated in national data.

Industrial Classification.—Employer establishments classified by industry on basis of their principal product or service. The Standard Industrial Classification Manual (U.S. Office of Management and Budget, Washington, D. C., 1972, amended 1977) used for classification.

Coverage.—Monthly reports on employment and (for most industries) payroll and hours obtained from approximately 8,000 Ohio employers.

Coverage of Ohio Nonagricultural Employment Sample

Industry Division	Approximate Percentage Covered by Sample
Total	43
Manufacturing	62
Nonmanufacturing	35
Mining	63
Construction	24
Transportation and Public Utilities	47
Wholesale Trade	19
Retail Trade	18
Finance, Insurance, and Real Estate	47
Services and Miscellaneous	21
Government	68

Nonagricultural Employment.—Persons who worked during, or received pay for, any part of pay periods which include 12th of month, distributed by place of employment. Includes persons on paid sick leave, paid holiday, or paid vacation. Excluded are persons laid off, on strike, or on unpaid vacation during entire reporting period. Proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers also excluded. Government employment covers only civilian employees. Full-time teachers considered employed during the summer vacation period, whether or not paid in those months.

Estimating Method.—Total employment is estimated from the employment of establishments reporting for two consecutive months, as follows:

$$\underset{\text{(current month)}}{\text{Total Employment}} = \underset{\text{(previous month)}}{\text{Total Employment}} \times \frac{\text{Sample Employment (current month)}}{\text{Sample Employment (previous month)}}$$

Benchmark Data.—Employment estimates compared annually with complete count of employment, by industry. Where revisions necessary, monthly estimates adjusted to new benchmark. Following revisions to new benchmark, industry data projected forward to current month by use of sample trends. Basic source of benchmark information is tabulations of employment data, by industry and area, compiled from contribution reports of employers covered under Ohio Unemployment Compensation Law.

Hours and Earnings

Method of Computing Averages.—Average hours computed by dividing total production worker hours worked during one week (the seven-day periods which include 12th of month) by number of production workers reported for such week. Average hourly earnings computed by dividing total production worker payroll for one week by total production worker hours for week. Average weekly earnings derived by multiplying average hourly earnings by average weekly hours.

Definitions.—Definitions of production or similar workers, payroll, and hours—from which average hours and earnings data are derived—follow:

Production Workers.—Includes working supervisors and all nonsupervisory workers (including group leaders and trainees) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping, maintenance, repair, janitorial and guard services, product development, auxiliary production for plant's own use (such as power plant), and record keeping and other services closely associated with production operations.

Nonsupervisory Workers.—Includes employees (not above working supervisory level) such as office and clerical workers, repairers, salespersons, operators, drivers, attendants, service employees, line installers, laborers, accountants, janitors, guards, and other employees whose services are closely associated with those of occupations listed.

Payroll.—Represents payroll for full- and part-time production, construction, or nonsupervisory workers who received pay for any part of pay periods which include 12th of month. Payroll is reported before deductions for social security, group insurance, withholding tax, bonds, and union dues; also includes pay for overtime, holidays, vacations, and sick leave paid directly by the firm. Bonuses (unless earned and paid regularly each pay period), tips, pay not earned in pay period reported (such as retroactive pay), and value of free rent, fuel, meals, or other payments in kind, excluded.

Hours.—Represents hours worked or paid for, during pay periods which include 12th of month, for production, construction, or nonsupervisory workers. Hours include time paid for holidays and vacations, and for sick leave when pay received directly from firm.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

Ohio Labor Market Information
BUREAU OF EMPLOYMENT SERVICES
JOB SERVICE OF OHIO

RICHARD F. CELESTE, *Governor*
DR. ROBERTA STEINBACHER, *Administrator*

EMPLOYMENT, HOURS, AND EARNINGS IN OHIO
MAY 1984

Summary: Ohio's seasonally adjusted jobless rate increased from 10.0 percent in April to 10.2 percent in May. The unadjusted rate was 9.7 percent, essentially unchanged from April's 9.8 percent. Actual unemployment (not seasonally adjusted) was 493,000 in May, little changed from April. Total employment was up 1.9 percent, to 4,593,000. Seasonal hiring in nonmanufacturing industries raised the nonfarm wage and salary sector .8 percent, to 4,198,000. Cutbacks in overtime lowered factory hours and earnings averages.

Factory Employment: Workers in Ohio's factories numbered 1,118,000 in May, up .3 percent from April. Structural clay products and ready-mixed concrete accounted for much of the increase in stone-clay-glass. Widely scattered recalls raised employment moderately in nonelectrical machinery and in food products. A labor-management settlement largely accounted for the increase in fabricated metals. Employment declined in iron and steel foundries, due to a dispute at one establishment and permanent closing of another. Fewer orders led to layoffs in furniture and appliances.

Nonmanufacturing Employment: Ohio's nonmanufacturing industries employed 3,080,000 workers in May, up 1.1 percent from April. Summer hiring among outdoor amusements boosted employment in services, despite a seasonal decline among private schools and colleges. Expansion in retail trade occurred mainly among eating and drinking places. Construction employment continued its seasonal advance. Hiring among nonschool units of local governments more than offset layoffs of public university employees.

Factory Hours and Earnings: Weekly earnings of Ohio's factory production workers, at $459.73 in May, were $5.65 below April's record level. The average workweek was down .4 hours, to 42.1 hours. Curtailed overtime caused significantly lower hours and earnings in the production of motor vehicles, metal stampings, and plastics products. Overtime cutbacks also accounted for lower averages in petroleum refining, commercial printing, meat processing, and papermaking.

Over the Year: The unadjusted unemployment rate for Ohio fell from 12.9 percent of the civilian labor force in May 1983 to 9.7 percent in May 1984. The number of jobless workers dropped by 170,000 in the same period. Total employment gained 2.3 percent, while the number of workers on nonagricultural payrolls rose 2.7 percent. Factory employment advanced 6.0 percent over the year , with transportation equipment, fabricated metals, and rubber and plastics products accounting for nearly half the gain. Growth in the service industries was responsible for most of the increase in nonmanufacturing, although retail trade and construction also rose substantially. Factory production workers averaged nearly $28 more per week in May 1984 than a year earlier. Their average workweek was lengthened by one hour.

For additional information, write DIXIE SOMMERS, *Director*
Labor Market Information Division, BUREAU OF EMPLOYMENT SERVICES, COLUMBUS 43216

EMPLOYMENT, HOURS, AND EARNINGS IN MAJOR METROPOLITAN AREAS

Akron.--Wage and salary employment in Akron's nonagricultural industries rose 3,400 from April, to 253,100 in May. Manufacturing increased 300 for the month, to 67,400, due to gains in durable-goods industries. Seasonal growth in services, retail trade, and construction boosted nonmanufacturing for the month. Production workers in factories grossed $10.83 per hour for a workweek of 43.2 hours, up 7¢ and down .6 hours from April averages.

Canton.--Canton's nonagricultural payroll employment rose 900 from April to 147,700 in May. Nonmanufacturing accounted for the gain, with seasonal advances in construction and retail trade. Manufacturing workers numbered 45,300, down slightly from the previous month. Factory production workers averaged 41.0 hours per week at $10.99 per hour, up .5 hours and 9¢ from April.

Cincinnati.--Nonfarm establishments in Cincinnati employed 589,500 wage and salary workers in May, up 5,300 from April. Manufacturing expanded by 600, to 145,200. A seasonal pickup in services, retail trade, and construction lifted nonmanufacturing for the month. Production workers in factories grossed $10.50 per hour, down 8¢ from April. Their workweek in May was .4 hours shorter, at 41.7 hours.

Cleveland.--Nonagricultural wage and salary employment in the Cleveland area totaled 829,900 in May, 4,100 above the April level. Seasonal growth in retail trade, construction, and services was responsible for most of the gain. Total factory employment was unchanged for the month, at 210,600. Production workers in manufacturing industries averaged $10.86 per hour, up 4¢ from April, for a workweek of 42.3 hours, on par with the previous month.

Columbus.--Nonfarm payroll employment in Columbus rose 2,700 from April, to 516,700 in May. A labor-management dispute in steel castings lowered manufacturing to 87,100, down 300 from the previous month. Nonmanufacturing employment rose as seasonal gains in retailing, construction, and services were only partially offset by end-of-term furloughs of university employees. Production workers in factories averaged $10.30 per hour in April, up 8¢ for May, while their workweek slipped slightly, to 40.4 hours.

Dayton.--Dayton's nonfarm establishments employed 344,500 wage and salary workers in May, up 700 from April. Nonmanufacturing expanded seasonally in retailing and construction, despite cutbacks in educational services. Losses in durable goods lowered manufacturing slightly, to 91,300 for the month. Production workers in factories grossed $11.05 per hour for a workweek of 42.6 hours, down 7¢ and .4 hours from April averages.

Toledo.--Nonagricultural wage and salary employment in Toledo rose 3,000 from April, to 294,500 in May. Nonmanufacturing accounted for most of the gain, with seasonal advances in retail trade, construction, and services. Manufacturing workers numbered 75,900, up fractionally from the previous month. Factory production workers averaged $11.55 per hour for a workweek of 43.6 hours in May, down slightly from April.

Youngstown-Warren.--Wage and salary employment in the Youngstown-Warren area's nonagricultural industries rose 1,500 from April, to 182,400 in May. Manufacturing decreased 200 for the month, to 55,600. Widespread increases (notably in retail trade and services) boosted nonmanufacturing for the overall gain. Production workers in factories grossed $12.86 per hour, down slightly from April. Their workweek decreased .2 hours, to 43.3 hours in May.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 6-20-84

EMPLOYMENT IN MAJOR METROPOLITAN AREAS[a]

Year and Month	Akron[b]	Canton[c]	Cincinnati[d]	Cleveland[e]	Columbus[f]	Dayton[g]	Toledo[h]	Youngstown-Warren[j]
NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT (in thousands)								
1973	255.1	147.9	534.5	865.2	451.0	335.6	285.8	211.6
1974	259.0	152.1	542.2	879.2	457.6	334.9	285.6	213.5
1975	248.4	145.0	531.2	850.6	445.4	321.4	275.5	200.7
1976	247.3	145.9	541.9	860.0	456.1	331.5	282.6	203.5
1977	259.3	149.8	562.1	880.9	471.6	343.1	292.1	208.0
1978	266.6	156.1	591.2	905.8	493.8	358.5	302.1	210.3
1979	270.9	160.7	607.4	919.8	507.3	364.9	306.0	213.9
1980	262.4	157.1	600.6	895.6	509.8	355.7	293.1	203.1
1981	259.6	156.6	592.2	880.7	506.6	352.5	290.9	198.7
1982	248.8	148.6	575.3	844.6	495.1	336.3	281.9	180.6
1983	245.0	143.6	573.7	826.0	500.0	335.4	281.0	177.6
1983								
May	246.0	143.8	575.3	825.5	499.7	334.8	281.8	178.7
June	242.9	144.9	578.8	838.5	503.8	337.4	281.1	179.4
July	245.4	144.5	573.0	832.8	498.0	331.4	277.6	178.9
August ..	244.3	143.9	571.8	825.5	496.3	331.4	277.5	177.3
September	251.3	146.1	580.8	834.9	504.9	340.7	287.3	182.3
October .	250.3	145.9	584.0	835.5	512.6	342.1	289.6	181.3
November.	251.4	146.7	585.5	835.7	514.7	343.9	291.1	182.0
December.	250.9	146.7	583.8	837.9	515.7	344.3	291.1	182.0
1984								
January .	243.2	143.3	573.1	819.0	503.8	339.3	284.3	178.4
February.	245.4	143.8	572.2	817.5	505.9	339.8	286.4	178.4
March ...	246.4	145.0	576.7	821.2	509.1	341.2	288.2	179.0
April ...	249.7	146.8	584.2	825.8	514.0	343.8	291.5	181.0
May	253.1	147.7	589.5	829.9	516.7	344.5	294.5	182.4
MANUFACTURING EMPLOYMENT (in thousands)								
1973	94.0	61.7	165.5	288.1	106.0	117.7	93.4	93.0
1974	94.2	62.2	166.6	287.1	104.3	113.1	89.8	92.0
1975	84.5	55.3	153.9	260.3	93.1	100.1	80.7	80.8
1976	80.3	54.8	155.6	265.1	94.2	104.0	84.8	80.6
1977	85.6	56.0	161.1	270.8	98.9	109.2	88.2	81.1
1978	85.9	57.1	169.2	275.6	101.2	112.0	90.5	79.4
1979	85.6	59.1	173.1	276.3	101.1	109.5	88.6	79.9
1980	79.1	55.7	162.4	254.9	96.8	99.4	75.4	70.8
1981	75.7	54.8	157.3	246.8	93.1	97.8	74.6	67.3
1982	68.3	47.6	146.3	223.0	85.9	87.6	69.0	52.9
1983	65.1	43.6	140.7	207.6	84.0	86.2	69.1	53.0
1983								
May	64.7	43.3	139.0	206.1	83.2	85.3	67.8	52.9
June	65.0	44.4	140.5	207.8	83.5	86.0	68.8	53.3
July	65.5	44.3	140.0	206.2	83.5	85.2	68.9	53.9
August ..	65.6	44.1	141.8	206.5	84.3	86.1	70.0	53.1
September	66.0	44.6	141.4	209.9	85.3	88.6	72.7	55.2
October .	66.1	44.2	144.2	210.9	86.6	88.7	73.2	54.9
November.	66.4	44.8	144.8	211.6	86.8	89.8	73.9	55.2
December.	66.2	44.9	141.7	212.1	86.2	90.2	74.0	55.6
1984								
January .	66.1	44.7	143.2	211.6	86.2	90.4	74.6	55.8
February.	66.5	44.9	143.3	211.2	87.0	90.9	75.5	55.6
March ...	66.7	45.5	144.1	211.6	87.0	91.1	75.7	55.4
April ...	67.0	45.4	144.6	210.6	87.4	91.4	75.8	55.8
May	67.4	45.3	145.2	210.6	87.1	91.3	75.9	55.6

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. [b] Akron includes Portage and Summit Counties. [c] Canton includes Carroll and Stark Counties. [d] Cincinnati includes Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. [e] Cleveland includes Cuyahoga, Geauga, Lake, and Medina Counties. [f] Columbus includes Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. [g] Dayton includes Greene, Miami, Montgomery, and Preble Counties. [h] Toledo includes Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. [j] Youngstown-Warren includes Mahoning and Trumbull Counties.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

MANUFACTURING PRODUCTION WORKERS AND AVERAGE WEEKLY HOURS IN MAJOR METROPOLITAN AREAS[a]

Year and Month	Akron[b]	Canton[c]	Cincinnati[d]	Cleveland[e]	Columbus[f]	Dayton[g]	Toledo[h]	Youngstown-Warren[j]
	MANUFACTURING PRODUCTION WORKERS (in thousands)							
1973	55.3	46.3	115.2	200.4	74.1	85.0	66.5	75.6
1974	56.1	46.9	115.3	199.5	71.2	79.5	63.1	74.2
1975	48.4	40.5	106.3	176.0	64.2	70.9	55.1	63.3
1976	44.5	40.4	107.8	180.9	65.4	73.4	59.3	63.3
1977	49.2	41.1	110.7	184.0	68.6	75.7	62.8	63.6
1978	49.4	42.2	116.4	188.0	70.1	77.5	64.1	62.5
1979	53.8	43.2	117.0	188.6	69.1	74.4	61.7	62.5
1980	47.5	40.1	106.6	169.2	64.6	65.5	49.6	54.1
1981	43.7	39.6	103.5	161.8	61.3	64.4	49.2	50.8
1982	36.9	33.3	95.5	141.8	55.1	55.6	45.2	38.1
1983	35.6	30.8	92.2	132.1	54.2	54.9	47.2	39.3
1983								
May	35.3	30.4	90.5	130.8	53.5	54.2	45.7	39.0
June	35.4	31.4	91.7	132.2	53.9	54.7	46.9	39.5
July	35.8	31.3	91.4	130.4	53.8	53.7	47.0	40.2
August ..	36.1	31.2	93.4	131.2	54.5	54.4	48.3	39.4
September	36.4	31.6	93.1	134.8	55.5	57.0	50.9	41.7
October .	36.5	31.4	95.9	135.8	56.7	57.4	51.6	41.5
November.	37.0	31.9	96.8	136.7	56.8	58.3	52.5	41.8
December.	36.8	32.1	93.8	137.0	56.6	58.7	52.7	42.2
1984								
January .	36.8	31.7	95.4	136.5	56.8	58.8	53.3	42.3
February.	37.1	31.8	95.5	136.3	57.4	59.3	54.2	42.2
March ...	37.1	32.4	96.3	136.7	57.3	59.3	54.4	42.1
April ...	37.4	32.4	96.5	135.6	57.7	59.7	54.6	42.4
May	37.6	32.3	96.8	135.4	57.5	59.5	54.7	42.2
	MANUFACTURING PRODUCTION WORKERS' AVERAGE WEEKLY HOURS							
1973	43.0	41.0	42.2	43.2	40.8	43.3	43.1	42.9
1974	42.3	40.1	41.4	42.1	39.7	41.0	41.2	40.7
1975	41.1	39.4	40.8	40.4	39.6	41.3	40.4	38.6
1976	42.1	39.6	41.1	41.9	40.1	43.2	41.5	39.5
1977	42.3	39.7	41.6	42.8	40.3	43.5	42.7	40.4
1978	42.3	40.3	42.1	42.9	40.4	42.8	42.4	41.4
1979	41.6	40.9	41.5	42.2	40.1	42.1	40.9	40.7
1980	41.5	39.0	41.2	40.6	39.5	41.5	40.6	39.9
1981	41.8	40.0	41.1	41.1	40.0	41.4	40.9	40.8
1982	41.0	38.6	40.5	39.9	39.8	40.0	41.1	39.3
1983	43.1	39.6	41.1	40.9	40.7	41.9	42.9	42.1
1983								
May	42.6	38.9	40.8	40.6	40.3	41.1	42.7	42.4
June	42.3	39.8	41.3	41.3	40.8	42.0	42.2	41.4
July	42.4	38.8	40.9	40.6	40.5	42.1	41.9	42.7
August ..	42.9	39.2	40.8	41.0	40.5	42.1	42.6	41.3
September	43.5	40.8	41.3	41.7	40.8	43.0	43.9	42.4
October .	43.2	40.2	41.3	41.5	41.0	42.7	43.9	43.9
November.	44.0	40.7	42.0	41.8	41.6	42.8	44.5	43.6
December.	45.5	40.8	42.4	42.3	42.3	43.9	44.5	43.2
1984								
January .	43.9	40.4	41.7	41.9	41.2	43.2	43.1	44.7
February.	43.9	41.0	41.5	42.2	40.4	42.8	43.5	43.8
March ...	43.7	40.8	41.8	42.3	40.4	42.8	43.8	44.9
April ...	43.8	40.5	42.1	42.3	40.5	43.0	43.7	43.5
May	43.2	41.0	41.7	42.3	40.4	42.6	43.6	43.3

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. [b] Akron includes Portage and Summit Counties. [c] Canton includes Carroll and Stark Counties. [d] Cincinnati includes Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. [e] Cleveland includes Cuyahoga, Geauga, Lake, and Medina Counties. [f] Columbus includes Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. [g] Dayton includes Greene, Miami, Montgomery, and Preble Counties. [h] Toledo includes Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. [j] Youngstown-Warren includes Mahoning and Trumbull Counties. [k] Not comparable to prior data due to change in sample composition.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

EARNINGS IN MAJOR METROPOLITAN AREAS[a]

Year and Month	Akron[b]	Canton[c]	Cincinnati[d]	Cleveland[e]	Columbus[f]	Dayton[g]	Toledo[h]	Youngstown-Warren[j]
MANUFACTURING PRODUCTION WORKERS' AVERAGE HOURLY EARNINGS								
1973	$ 4.99	$ 4.80	$ 4.44	$ 4.83	$ 4.36	$ 5.00	$ 5.01	$ 5.29
1974	5.28	5.24	4.82	5.21	4.73	5.29	5.39	5.80
1975	5.66	5.64	5.19	5.63	5.18	5.73	5.80	6.39
1976	6.02	6.18	5.65	6.22	5.64	6.28	6.32	7.02
1977	6.75	6.88	6.27	6.84	6.08	6.92	7.00	7.76
1978	7.19	7.56	6.81	7.50	6.55	7.38	7.53	8.54
1979	7.73	8.09	7.31	8.00	7.05	8.00	8.14	9.27
1980	8.72	8.79	8.06	8.63	7.73	8.65	8.90	10.27
1981	9.50	9.76	8.78	9.62	8.67	9.61	9.93	11.62
1982	9.83	10.22	9.57	10.10	9.31	10.02	10.89	11.72
1983	10.49	10.66	10.11	10.45	9.97	10.61	11.28	12.58
1983								
May	10.35	10.53	10.10	10.42	9.90	10.47	11.29	12.45
June	10.34	10.63	10.11	10.49	10.01	10.56	11.14	12.33
July	10.35	10.59	10.12	10.43	10.04	10.72	11.16	12.54
August ..	10.40	10.75	10.18	10.42	9.95	10.58	11.25	12.25
September	10.61	10.84	10.10	10.57	10.06	10.80	11.40	12.40
October .	10.82	10.78	10.23	10.55	10.11	10.86	11.43	12.53
November.	10.85	10.84	10.34	10.62	10.14	10.91	11.57	12.54
December.	11.01	10.88	10.29	10.68	10.35	11.11	11.57	12.68
1984								
January .	10.77	10.85	10.39	10.70	10.33	11.07	11.42	12.89
February.	10.75	10.91	10.37	10.76	10.23	11.04	11.48	12.66
March ...	10.79	10.89	10.45	10.81	10.20	11.12	11.58	13.09
April ...	10.76	10.90	10.58	10.82	10.22	11.12	11.58	12.88
May	10.83	10.99	10.50	10.86	10.30	11.05	11.55	12.86
MANUFACTURING PRODUCTION WORKERS' AVERAGE WEEKLY EARNINGS								
1973	$214.57	$196.80	$187.37	$208.66	$177.89	$216.50	$215.93	$226.94
1974	223.34	210.12	199.55	219.34	187.78	216.89	222.07	236.06
1975	232.63	222.22	211.75	227.45	205.13	236.65	234.32	246.65
1976	253.44	244.73	232.22	260.62	226.16	271.30	262.28	277.29
1977	285.53	273.14	260.83	292.75	245.02	301.02	298.90	313.50
1978	304.14	304.67	286.70	321.75	264.62	315.86	319.27	353.56
1979	321.57	330.88	303.37	337.60	282.71	336.80	332.93	377.29
1980	361.88	342.81	332.07	350.38	305.34	358.98	361.34	409.77
1981	397.10	390.40	360.86	395.38	346.80	397.85	406.14	474.10
1982	403.03	394.49	387.59	402.99	370.54	400.80	447.58	460.60
1983	452.12	422.14	415.52	427.41	405.78	444.56	483.91	521.20
1983								
May	440.91	409.62	412.08	423.05	398.97	430.32	482.08	527.88
June	437.38	423.07	417.54	433.24	408.41	443.52	470.11	510.46
July	438.84	410.89	413.91	423.46	406.62	451.31	467.60	535.46
August ..	446.16	421.40	415.34	427.22	402.98	445.42	479.25	505.93
September	461.54	442.27	417.13	440.77	410.45	464.40	500.46	525.76
October .	467.42	433.36	422.50	437.83	414.51	463.72	501.78	552.26
November.	477.40	441.19	434.28	443.92	421.82	466.95	514.87	546.74
December.	500.96	443.90	436.30	451.76	437.81	487.73	514.87	547.78
1984								
January .	472.80	438.34	433.26	448.33	425.60	478.22	492.20	576.18
February.	471.93	447.31	430.36	454.07	413.29	472.51	499.38	554.51
March ...	471.52	444.31	436.81	457.26	412.08	475.94	507.20	587.74
April ...	471.29	441.45	445.42	457.69	413.91	478.16	506.05	560.28
May	467.86	450.59	437.85	459.38	416.12	470.73	503.58	556.84

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. [b] Akron includes Portage and Summit Counties. [c] Canton includes Carroll and Stark Counties. [d] Cincinnati includes Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. [e] Cleveland includes Cuyahoga, Geauga, Lake, and Medina Counties. [f] Columbus includes Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. [g] Dayton includes Greene, Miami, Montgomery, and Preble Counties. [h] Toledo includes Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. [j] Youngstown-Warren includes Mahoning and Trumbull Counties.

CIVILIAN LABOR FORCE ESTIMATES FOR MAJOR METROPOLITAN AREAS[a]
(In thousands)

Year and Month	Civilian Labor Force	Total Employed	Unemployed		Year and Month	Civilian Labor Force	Total Employed	Unemployed	
			Total Unemployed	Unemployment Rate				Total Unemployed	Unemployment Rate
AKRON[b]					CANTON[c]				
1973	287.1	274.9	12.2	4.3	1973	171.2	163.1	8.1	4.7
1974	290.8	277.7	13.0	4.5	1974	175.6	167.5	8.1	4.6
1975	292.0	264.3	27.7	9.5	1975	174.7	158.0	16.7	9.6
1976	291.3	266.3	25.0	8.6	1976	174.4	158.6	15.8	9.1
1977	294.2	274.7	19.5	6.6	1977	175.9	163.1	12.9	7.3
1978	298.9	282.2	16.7	5.6	1978	179.9	170.0	9.9	5.5
1979	303.8	285.4	18.4	6.1	1979	184.3	173.7	10.6	5.7
1980	304.5	278.3	26.2	8.6	1980	187.7	170.9	16.8	8.9
1981	304.1	274.9	29.1	9.6	1981	188.4	170.1	18.2	9.7
1982	303.9	268.0	35.9	11.8	1982	191.4	164.3	27.0	14.1
1983	304.4	267.0	37.4	12.3	1983	188.4	160.7	27.6	14.7
1983					1983				
April	302.4	263.4	39.0	12.9	April	188.0	158.3	29.8	15.8
May	307.6	267.7	40.0	13.0	May	191.0	160.7	30.3	15.8
June	307.6	268.8	38.8	12.6	June	192.7	163.9	28.7	14.9
July	313.6	279.8	33.8	10.8	July	193.1	168.9	24.2	12.5
August	309.1	276.9	32.2	10.4	August	191.0	167.0	24.0	12.6
September	305.1	271.4	33.7	11.1	September	186.6	162.2	24.3	13.0
October	308.4	274.5	33.8	11.0	October	189.2	164.6	24.6	13.0
November	309.7	274.2	35.5	11.5	November	189.5	164.4	25.1	13.2
December	304.9	270.4	34.6	11.3	December	186.0	162.4	23.6	12.7
1984					1984				
January	297.5	264.3	33.2	11.2	January	182.3	159.8	22.5	12.3
February	298.6	263.8	34.8	11.6	February	180.7	158.9	21.9	12.1
March	297.9	262.4	35.5	11.9	March	181.7	158.7	23.0	12.6
April[p]	300.3	268.4	31.9	10.6	April[p]	182.9	162.2	20.6	11.3
CINCINNATI[d]					CLEVELAND[e]				
1973	572.0	543.0	29.0	5.1	1973	883.9	849.0	34.9	3.9
1974	595.3	569.8	25.5	4.3	1974	899.1	861.4	37.7	4.2
1975	595.3	551.6	43.6	7.3	1975	896.9	826.3	70.6	7.9
1976	604.8	566.6	38.2	6.3	1976	897.7	834.4	63.3	7.0
1977	623.4	588.7	34.7	5.6	1977	908.5	854.4	54.0	5.9
1978	648.3	615.8	32.5	5.0	1978	921.7	878.5	43.2	4.7
1979	663.4	628.1	35.3	5.3	1979	935.8	889.1	46.7	5.0
1980	676.2	628.6	47.5	7.0	1980	937.1	869.1	68.0	7.3
1981	678.5	619.3	59.1	8.7	1981	933.9	854.0	79.8	8.5
1982	682.0	610.4	71.6	10.5	1982	933.4	833.2	100.2	10.7
1983	686.5	615.4	71.1	10.4	1983	930.7	824.7	105.9	11.4
1983					1983				
April	682.8	609.8	73.0	10.7	April	923.4	813.9	109.5	11.9
May	692.0	616.1	75.9	11.0	May	935.9	822.2	113.8	12.2
June	703.1	627.2	76.0	10.8	June	962.0	845.0	117.0	12.2
July	703.4	637.1	66.2	9.4	July	966.5	867.1	99.3	10.3
August	696.4	632.8	63.6	9.1	August	955.0	857.0	98.0	10.3
September	685.5	619.2	66.4	9.7	September	925.8	826.4	99.4	10.7
October	691.5	630.0	61.5	8.9	October	936.6	840.1	96.6	10.3
November	693.2	629.0	64.2	9.3	November	935.3	836.6	98.7	10.6
December	684.3	622.5	61.9	9.0	December	917.5	828.3	89.3	9.7
1984					1984				
January	679.0	616.0	62.9	9.3	January	899.5	815.9	83.7	9.3
February	670.2	611.3	58.9	8.8	February	887.4	806.6	80.8	9.1
March	672.1	612.2	59.9	8.9	March	890.2	802.3	87.9	9.9
April[p]	682.8	625.0	57.8	8.5	April[p]	897.9	814.8	83.1	9.3

[a] Estimated in cooperation with U.S. Department of Labor. Data not seasonally adjusted. Subtotals may not add to totals due to rounding. Rates computed from unrounded figures. [b] Defined as Portage and Summit Counties. [c] Defined as Carroll and Stark Counties. [d] Defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; and Boone, Campbell, and Kenton Counties, Kentucky. [e] Defined as Cuyahoga, Geauga, Lake, and Medina Counties. [p] Preliminary.

CIVILIAN LABOR FORCE ESTIMATES FOR MAJOR METROPOLITAN AREAS[a]
(In thousands)

Year and Month	Civilian Labor Force	Total Employed	Unemployed		Year and Month	Civilian Labor Force	Total Employed	Unemployed	
			Total Unemployed	Unemployment Rate				Total Unemployed	Unemployment Rate
		COLUMBUS[f]					DAYTON[g]		
1973	485.5	468.3	17.1	3.5	1973	358.0	343.5	14.5	4.1
1974	495.4	475.5	19.9	4.0	1974	359.5	342.5	17.0	4.7
1975	495.0	458.6	36.5	7.4	1975	357.6	327.7	29.9	8.4
1976	503.6	468.5	35.1	7.0	1976	360.5	336.3	24.2	6.7
1977	513.4	483.3	30.1	5.9	1977	368.6	348.3	20.3	5.5
1978	531.4	506.5	24.9	4.7	1978	381.1	363.7	17.3	4.6
1979	543.0	517.1	25.8	4.8	1979	392.2	367.9	24.2	6.2
1980	554.7	523.4	31.4	5.7	1980	390.2	361.0	29.2	7.5
1981	562.4	519.1	43.3	7.7	1981	390.8	357.9	32.8	8.4
1982	567.4	516.4	51.0	9.0	1982	391.8	347.1	44.7	11.4
1983	579.1	527.4	51.7	8.9	1983	390.6	350.7	39.9	10.2
1983					1983				
April	572.6	520.1	52.5	9.2	April	388.6	346.5	42.0	10.8
May	580.0	526.2	53.7	9.3	May	391.3	349.9	41.4	10.6
June	594.3	537.2	57.1	9.6	June	400.1	356.8	43.2	10.8
July	599.8	549.2	50.7	8.4	July	400.0	362.6	37.4	9.4
August	591.8	544.6	47.2	8.0	August	396.5	359.4	37.1	9.3
September ..	577.9	528.9	49.0	8.5	September .	389.5	353.7	35.7	9.2
October	594.3	545.1	49.2	8.3	October ...	395.4	360.8	34.7	8.8
November ...	594.7	544.2	50.5	8.5	November ..	396.8	360.3	36.5	9.2
December ...	585.3	537.9	47.4	8.1	December ..	388.0	355.5	32.5	8.4
1984					1984				
January	575.1	529.6	45.4	7.9	January ...	385.5	353.0	32.5	8.4
February ...	570.0	526.7	43.2	7.6	February ..	383.7	350.3	33.4	8.7
March	571.3	525.2	46.0	8.1	March	383.4	348.5	34.9	9.1
April[p]	580.2	535.2	45.0	7.8	April[p]	386.5	354.1	32.4	8.4
		TOLEDO[h]					YOUNGSTOWN-WARREN[i]		
1973	339.8	324.2	15.6	4.6	1973	232.5	221.8	10.8	4.6
1974	343.8	324.2	19.7	5.7	1974	236.7	223.7	13.0	5.5
1975	344.8	310.2	34.6	10.0	1975	236.7	209.8	26.9	11.4
1976	347.8	319.4	28.4	8.2	1976	234.2	210.5	23.7	10.1
1977	355.0	329.4	25.6	7.2	1977	234.0	215.0	19.0	8.1
1978	362.1	339.7	22.4	6.2	1978	235.2	217.5	17.7	7.5
1979	368.2	341.7	26.4	7.2	1979	237.1	219.9	17.1	7.2
1980	368.2	329.8	38.4	10.4	1980	238.9	210.5	28.4	11.9
1981	367.4	328.0	39.4	10.7	1981	234.0	205.7	28.2	12.1
1982	368.7	322.7	46.1	12.5	1982	237.0	190.3	46.6	19.7
1983	374.2	326.9	47.2	12.6	1983	227.3	189.6	37.8	16.6
1983					1983				
April	368.4	320.7	47.7	12.9	April	226.8	187.5	39.3	17.3
May	379.0	328.4	50.6	13.4	May	230.7	190.3	40.4	17.5
June	380.6	332.0	48.6	12.8	June	233.8	193.5	40.3	17.2
July	382.1	337.7	44.4	11.6	July	233.4	199.5	33.9	14.5
August	379.2	335.1	44.1	11.6	August	232.6	196.2	36.4	15.6
September ..	374.8	331.9	42.9	11.5	September .	226.7	193.1	33.6	14.8
October	380.0	338.3	41.7	11.0	October ...	227.0	195.5	31.5	13.9
November ...	381.3	337.5	43.8	11.5	November ..	227.9	195.2	32.7	14.4
December ...	372.5	331.9	40.5	10.9	December ..	222.4	192.2	30.2	13.6
1984					1984				
January	366.1	327.4	38.6	10.6	January ...	218.3	189.7	28.6	13.1
February ...	365.7	327.7	38.0	10.4	February ..	214.6	188.2	26.4	12.3
March[p]......	367.3	327.8	39.5	10.8	March	215.3	186.8	28.5	13.2
April	INA	INA	INA	INA	April[p]	216.8	190.8	26.1	12.0

[a] Estimated in cooperation with U.S. Department of Labor. Data not seasonally adjusted. Subtotals may not add to totals due to rounding. Rates computed from unrounded figures. [f] Defined as Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. [g] Defined as Greene, Miami, Montgomery, and Preble Counties. [h] Defined as Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. [i] Defined as Mahoning and Trumbull Counties. [p] Preliminary. INA—Information not available.

CIVILIAN LABOR FORCE ESTIMATES[a]
(not seasonally adjusted)

Year and Month	OHIO (in thousands)			Unemployment Rate	
	Civilian Labor Force	Total Employed	Total Unemployed	OHIO	U.S.
1973	4,621	4,423	198	4.3	4.9
1974	4,708	4,483	225	4.8	5.6
1975	4,721	4,292	429	9.1	8.5
1976	4,749	4,378	370	7.8	7.7
1977	4,830	4,518	312	6.5	7.1
1978	4,956	4,688	268	5.4	6.1
1979	5,056	4,758	298	5.9	5.8
1980	5,088	4,661	427	8.4	7.1
1981	5,098	4,606	492	9.6	7.6
1982	5,114	4,474	640	12.5	9.7
1983	5,110	4,488	622	12.2	9.6
1983					
May	5,153	4,491	663	12.9	9.8
June	5,253	4,583	670	12.8	10.2
July	5,287	4,710	577	10.9	9.4
August ..	5,229	4,666	563	10.8	9.2
September	5,108	4,541	567	11.1	8.8
October .	5,159	4,611	548	10.6	8.4
November.	5,146	4,582	564	11.0	8.1
December.	5,040	4,513	528	10.5	8.0
1984					
January .	4,964	4,452	512	10.3	8.8
February.	4,925	4,426	499	10.1	8.4
March ...	4,940	4,415	525	10.6	8.1
April ...	4,996	4,506	489	9.8	7.6
May	5,086	4,593	493	9.7	7.2

OHIO NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT[a]
(in thousands)

Year and Month	Total Nonagricultural	Manufacturing	Nonmanufacturing
1973	4,112.9	1,426.3	2,686.5
1974	4,169.4	1,416.6	2,752.8
1975	4,016.2	1,267.5	2,748.7
1976	4,094.5	1,295.3	2,799.3
1977	4,230.1	1,344.1	2,885.9
1978	4,394.8	1,377.2	3,017.6
1979	4,484.7	1,382.3	3,102.5
1980	4,367.4	1,264.3	3,103.0
1981	4,317.6	1,232.6	3,085.1
1982	4,124.2	1,099.9	3,024.4
1983	4,083.8	1,066.9	3,017.0
1983			
May	4,088.7	1,054.8	3,033.9
June	4,116.8	1,064.1	3,052.7
July	4,082.0	1,062.2	3,019.8
August ..	4,074.0	1,074.7	2,999.3
September	4,157.0	1,094.3	3,062.7
October .	4,170.0	1,099.1	3,070.9
November.	4,177.5	1,104.4	3,073.1
December.	4,176.1	1,101.9	3,074.2
1984			
January .	4,083.3	1,101.0	2,982.3
February.	4,095.2	1,108.2	2,987.0
March ...	4,120.3	1,113.2	3,007.1
April ...	4,162.8	1,114.7	3,048.1
May	4,197.9	1,117.6	3,080.3

OHIO NONMANUFACTURING WAGE AND SALARY EMPLOYMENT[a] (in thousands)

Year and Month	Mining	Construction	Transportation and Utilities	Wholesale Trade	Retail Trade	Finance, Insurance, Real Estate	Services	Government
1973	22.9	175.5	224.9	197.7	654.9	169.0	643.9	597.8
1974	24.2	172.3	227.8	205.7	668.1	171.9	669.7	613.1
1975	26.8	154.9	213.2	203.5	664.5	173.1	686.3	626.4
1976	28.2	154.2	213.7	208.4	682.4	177.0	703.2	632.2
1977	29.1	162.8	219.1	214.6	703.1	183.4	731.4	642.3
1978	29.0	176.6	225.0	226.0	730.4	191.1	772.1	667.5
1979	31.6	182.9	232.1	232.8	742.4	200.6	806.2	674.0
1980	30.7	167.4	223.1	230.6	726.6	203.8	830.9	689.9
1981	30.7	153.7	217.2	232.5	717.7	205.8	851.5	676.0
1982	30.3	134.6	206.8	226.0	703.4	206.4	857.3	659.6
1983	26.6	128.6	197.3	219.6	703.3	209.6	874.6	657.5
1983								
May	25.6	126.4	199.1	219.5	705.9	208.7	877.5	671.3
June	27.0	135.7	201.4	221.6	713.1	211.3	888.2	654.5
July	27.4	140.8	201.5	221.4	709.8	212.2	883.2	623.4
August ..	27.4	142.2	184.6	221.3	712.4	212.3	883.0	616.2
September	27.5	144.6	201.0	221.2	714.8	211.8	891.3	650.4
October .	27.5	145.0	200.7	221.5	709.6	211.5	888.8	666.3
November.	27.4	140.9	199.6	221.1	717.8	211.5	884.2	670.6
December.	27.1	130.9	200.2	221.3	730.4	212.1	880.7	671.5
1984								
January .	27.0	115.0	193.1	218.3	693.6	210.8	868.3	656.3
February.	26.7	111.8	193.1	217.9	682.4	210.3	875.0	669.9
March ...	27.2	114.5	193.8	218.9	688.6	210.7	882.2	671.2
April ...	27.4	123.6	196.0	220.2	704.1	211.8	894.4	670.5
May	27.8	131.8	198.0	221.5	714.9	212.5	902.6	671.2

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[a] Estimated in cooperation with U.S. Department of Labor. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates and averages computed from unrounded figures. All data exclude military personnel.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

EMPLOYMENT, HOURS, AND EARNINGS IN MANUFACTURING IN OHIO[a]

Year and Month	Manufacturing Employment (in thousands)			Production Workers in Manufacturing		
	All Manufacturing	Durable Goods	Nondurable Goods	Production Workers (in thousands)	Aggregate Weekly Payroll (in millions)	Aggregate Weekly Hours (in millions)
1973	1,426.3	1,018.2	408.1	1,046.7	$210.8	44.3
1974	1,416.6	1,013.1	403.5	1,028.7	217.4	42.4
1975	1,267.5	892.4	375.1	897.8	201.5	36.2
1976	1,295.3	910.6	384.6	926.1	233.9	38.2
1977	1,344.1	945.2	398.9	958.0	271.2	40.2
1978	1,377.2	974.5	402.7	985.5	302.5	41.5
1979	1,382.3	980.5	401.8	979.0	318.5	40.6
1980	1,264.3	882.6	381.8	867.8	301.9	35.2
1981	1,232.6	860.4	372.2	847.7	330.4	34.7
1982	1,099.9	752.4	347.5	735.7	297.1	29.5
1983	1,066.9	723.6	343.3	721.7	315.7	29.9
1983						
May	1,054.8	716.2	338.6	709.8	306.6	29.2
June	1,064.1	721.8	342.3	718.2	314.4	29.8
July	1,062.2	720.2	341.9	715.9	309.7	29.4
August ..	1,074.7	728.4	346.3	729.3	316.1	30.0
September	1,094.3	740.8	353.5	749.0	335.5	31.5
October .	1,099.1	748.1	351.0	755.4	340.1	31.7
November.	1,104.4	752.9	351.4	761.9	348.7	32.4
December.	1,101.9	749.8	352.0	760.2	352.4	32.5
1984						
January .	1,101.0	750.4	350.5	758.6	349.5	32.2
February.	1,108.2	756.9	351.3	765.6	351.5	32.5
March ...	1,113.2	760.9	352.4	769.9	357.3	32.7
April ...	1,114.7	762.0	352.7	771.7	359.1	32.8
May	1,117.6	763.6	354.0	773.4	355.6	32.6

Year and Month	Production Workers Average Weekly Earnings			Production Workers Average Weekly Hours			Production Workers Average Hourly Earnings		
	Manufacturing	Durable Goods	Nondurable Goods	Manufacturing	Durable Goods	Nondurable Goods	Manufacturing	Durable Goods	Nondurable Goods
1973	$201.35	$207.95	$185.89	42.3	42.7	41.4	$ 4.76	$ 4.87	$ 4.49
1974	211.36	216.94	196.17	41.2	41.4	40.7	5.13	5.24	4.82
1975	224.47	228.90	211.85	40.3	40.3	40.2	5.57	5.68	5.27
1976	252.54	258.75	235.00	41.2	41.4	41.3	6.10	6.25	5.69
1977	283.08	292.02	258.34	42.0	42.2	41.4	6.74	6.92	6.24
1978	306.91	316.83	279.30	42.1	42.3	41.5	7.29	7.49	6.73
1979	325.36	335.30	297.98	41.5	41.6	41.1	7.84	8.06	7.25
1980	347.94	358.57	319.99	40.6	40.7	40.2	8.57	8.81	7.96
1981	389.78	401.64	358.16	40.9	40.9	40.7	9.53	9.82	8.80
1982	403.81	414.80	378.95	40.1	40.0	40.4	10.07	10.37	9.38
1983	437.18	452.35	402.52	41.4	41.5	41.2	10.56	10.90	9.77
1983									
May	431.96	447.69	397.80	41.1	41.3	40.8	10.51	10.84	9.75
June	437.83	452.61	402.11	41.5	41.6	41.2	10.55	10.88	9.76
July	432.55	445.67	403.60	41.0	41.0	41.1	10.55	10.87	9.82
August ..	433.42	445.52	403.50	41.2	41.1	41.3	10.52	10.84	9.77
September	447.94	463.52	410.62	42.1	42.1	41.9	10.64	11.01	9.80
October .	450.24	468.68	408.78	42.0	42.3	41.5	10.72	11.08	9.85
November.	457.73	475.68	413.97	42.5	42.7	41.9	10.77	11.14	9.88
December.	463.52	483.15	419.05	42.8	43.1	42.2	10.83	11.21	9.93
1984									
January .	460.70	479.52	418.05	42.5	42.7	42.1	10.84	11.23	9.93
February.	459.19	478.67	414.24	42.4	42.7	41.8	10.83	11.21	9.91
March ...	464.10	484.50	417.32	42.5	42.8	41.9	10.92	11.32	9.96
April ...	465.38	483.79	420.26	42.5	42.7	41.9	10.95	11.33	10.03
May	459.73	479.12	414.59	42.1	42.4	41.5	10.92	11.30	9.99

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

EMPLOYMENT AND AVERAGE WEEKLY EARNINGS IN SELECTED MAJOR MANUFACTURING INDUSTRIES IN OHIO[a]

Year and Month	Stone, Clay and Glass Products	Primary Metal Industries	Fabricated Metal Products	Machinery, Except Electrical	Electric & Electronic Equipment	Transportation Equipment	Food and Kindred Products	Printing and Publishing	Rubber and Plastics Products
	EMPLOYMENT (in thousands)								
1973	73.3	173.3	175.2	219.9	134.1	167.2	76.4	67.7	109.8
1974	72.2	172.4	172.7	227.7	131.4	162.5	76.0	67.9	107.0
1975	65.0	151.5	150.9	207.7	112.3	140.8	73.5	64.8	94.8
1976	66.3	154.6	157.9	205.9	115.5	143.0	73.8	64.5	98.2
1977	67.1	157.7	166.5	210.7	120.9	151.8	74.4	65.4	107.4
1978	69.3	157.5	173.3	216.7	122.2	164.1	74.6	66.6	107.4
1979	69.7	158.9	175.5	223.6	117.6	165.8	74.4	67.6	106.7
1980	64.5	139.8	157.6	211.4	106.4	139.1	72.7	67.4	92.7
1981	61.0	138.3	154.9	204.2	101.9	136.9	69.2	66.1	89.0
1982	54.2	112.7	134.9	176.7	93.4	121.7	66.9	63.2	80.4
1983	52.7	104.5	130.9	153.1	90.2	131.6	64.5	62.3	82.4
1983									
May	52.1	103.4	128.5	152.4	89.6	130.2	62.6	62.3	80.6
June	53.1	103.5	129.8	152.0	90.0	132.1	64.2	62.4	81.5
July	53.3	103.0	129.4	152.1	89.7	131.6	64.0	61.9	82.1
August ..	54.0	105.1	132.2	152.6	89.6	132.8	66.4	61.9	83.5
September	54.8	107.4	134.6	154.8	91.5	134.8	69.5	62.6	65.6
October .	54.9	108.0	136.5	154.5	92.4	133.8	66.4	62.6	86.4
November.	55.0	109.8	137.8	155.3	92.4	139.9	65.2	62.8	87.4
December.	53.7	110.3	137.3	155.5	91.9	138.5	65.2	63.0	87.5
1984									
January .	52.9	110.6	137.7	156.6	91.8	138.4	64.5	62.8	87.9
February.	53.4	111.1	137.6	157.2	92.8	141.3	64.1	62.8	88.7
March ...	54.0	112.2	137.8	158.5	93.7	140.9	64.1	63.1	88.8
April ...	54.1	111.7	138.4	159.2	93.3	141.2	64.6	63.1	89.3
May	54.8	111.0	139.3	159.8	92.9	141.7	65.2	63.1	89.3
	AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS								
1973	$189.03	$228.72	$204.67	$208.80	$176.23	$241.01	$188.94	$203.06	$193.12
1974	194.21	246.03	213.62	219.05	184.61	244.91	204.89	211.14	199.92
1975	207.55	256.46	224.96	228.25	201.30	263.22	222.68	226.95	213.31
1976	232.40	294.58	256.68	253.31	221.54	302.87	242.92	252.20	237.30
1977	253.95	329.54	290.44	279.18	248.44	359.20	258.54	271.96	263.97
1978	274.81	366.24	307.23	306.16	268.45	389.66	281.15	285.18	282.73
1979	293.34	395.43	323.38	329.09	289.27	391.56	304.50	302.62	300.66
1980	315.43	422.01	349.34	352.77	316.51	414.83	329.85	320.92	323.61
1981	348.02	484.04	389.61	389.16	350.27	471.50	362.75	347.70	368.67
1982	376.88	480.54	398.77	392.63	366.56	506.99	386.04	358.45	381.11
1983	400.57	503.85	460.65	424.09	394.63	557.92	403.79	375.62	412.25
1983									
May	397.85	493.96	452.28	417.91	384.96	560.33	401.58	367.52	413.10
June	400.20	496.11	463.86	424.91	392.85	563.82	408.53	371.51	414.62
July	403.44	496.50	447.79	420.09	390.34	543.97	412.29	369.27	409.36
August ..	401.64	492.83	449.35	421.14	395.60	541.80	409.04	371.35	407.11
September	409.18	522.49	471.28	431.09	406.39	570.49	415.86	378.00	422.18
October .	412.17	514.18	479.45	436.31	408.04	581.79	396.89	384.94	425.87
November.	415.33	520.38	490.31	450.24	411.27	586.64	410.98	392.18	421.20
December.	421.16	525.79	505.52	463.54	415.17	588.60	420.30	393.97	422.61
1984									
January .	419.33	525.39	486.86	468.27	409.59	585.09	409.64	391.40	429.44
February.	417.08	540.99	485.57	468.07	420.51	565.46	411.04	391.30	423.36
March ...	417.49	538.90	482.08	467.18	416.66	602.94	416.79	386.45	425.97
April ...	420.93	540.58	486.06	468.93	420.21	593.18	424.27	388.22	424.45
May	414.24	541.87	479.25	464.81	421.26	579.92	416.75	383.91	418.39

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN OHIO[a]
MAY 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	May 1984[b]	April 1984[c]	May 1983[c]	April 1984	May 1983
TOTAL	4197.9	4162.8	4088.7	.8	2.7
MANUFACTURING	1117.6	1114.7	1054.8	.3	6.0
Durable Goods[e]	763.6	762.0	716.2	.2	6.6
Lumber and wood products	15.8	15.3	13.9	3.0	14.0
Furniture and fixtures	13.3	14.1	13.3	- 5.4	.4
Household furniture	5.8	6.4	6.3	- 9.8	- 7.6
Stone, clay, and glass products	54.8	54.1	52.1	1.3	5.1
Glass and glassware, pressed or blown	14.1	14.1	13.6	- .5	3.5
Structural clay products	4.7	4.4	4.7	5.4	- .9
Pottery and related products	5.4	5.2	5.8	2.5	- 6.7
Primary metal industries	111.0	111.7	103.4	- .6	7.4
Blast furnace and basic steel products	55.4	55.2	52.0	.4	6.5
Iron and steel foundries	21.2	22.3	19.9	- 4.9	6.2
Nonferrous rolling and drawing	18.7	18.8	17.8	- .2	5.0
Nonferrous foundries	9.4	9.2	8.1	1.8	15.4
Fabricated metal products	139.3	138.4	128.5	.7	8.5
Cutlery, hand tools, and hardware	11.3	11.3	11.0	- .4	2.3
Plumbing and heating, except electric	4.9	4.9	4.0	- 1.5	21.2
Fabricated structural metal products	28.8	28.6	28.3	.5	1.7
Screw machine products, bolts, etc.	8.8	8.7	8.4	1.5	5.5
Metal forgings and stampings	43.8	43.7	38.3	.2	14.4
Machinery, except electrical	159.8	159.2	152.4	.4	4.9
Construction and related machinery	15.7	15.6	16.9	.4	- 7.1
Metalworking machinery	39.4	39.2	38.0	.5	3.6
Special industry machinery	16.6	16.5	15.8	.6	4.8
General industrial machinery	31.6	31.5	29.0	.3	8.8
Electric and electronic equipment	92.9	93.3	89.6	- .4	3.7
Electrical industrial apparatus	19.0	19.0	18.7	.2	1.6
Household appliances	16.3	16.8	15.7	- 3.3	3.6
Electric lighting and wiring equipment	18.5	18.4	17.9	.3	3.3
Communication equipment	10.2	10.1	10.0	1.1	1.6
Transportation equipment	141.7	141.2	130.2	.3	8.9
Motor vehicles and equipment	95.0	94.8	85.9	.2	10.7
Aircraft and parts	38.4	38.3	36.0	.4	6.7
Instruments and related products	21.6	21.4	19.9	.9	8.9
Measuring and controlling devices	12.7	12.6	11.7	.9	8.5
Nondurable Goods[f]	354.0	352.7	338.6	.4	4.5
Food and kindred products	65.2	64.6	62.6	.9	4.2
Meat products	10.4	10.4	9.5	.4	9.5
Dairy products	10.4	10.4	10.4	- .3	.0
Bakery products	10.4	10.1	10.0	2.7	4.0
Beverages	10.7	10.5	10.2	1.3	4.6
Textile mill products	4.6	4.6	4.3	- .1	7.3
Apparel and other textile products	17.6	17.7	16.2	- .3	9.0
Paper and allied products	35.7	35.5	34.4	.6	3.9
Paper mills, except building paper	9.5	9.5	8.9	.4	6.3
Misc. converted paper products	11.5	11.5	11.2	- .1	2.8
Paperboard containers and boxes	11.8	11.7	11.3	.8	3.6
Printing and publishing	63.1	63.1	62.3	.0	1.3
Newspapers	18.0	18.0	18.0	- .2	.1
Commercial printing	23.4	23.3	22.7	.1	2.9
Chemicals and allied products	64.2	64.2	63.8	.1	.6
Industrial inorganic chemicals	11.5	11.4	11.6	.5	- .5
Plastics materials and synthetics	8.7	8.8	8.8	- .5	- .5
Petroleum and coal products	9.4	9.2	9.3	2.0	.9
Rubber and misc. plastics products	89.3	89.3	80.6	.0	10.8
Tires and inner tubes	20.5	20.5	20.2	.0	1.6
Miscellaneous plastics products	47.8	47.8	41.6	.0	14.7
Leather and leather products	4.7	4.4	5.1	6.7	- 6.6

See footnotes at end of table.

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN OHIO[a]
MAY 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	May 1984[b]	April 1984[c]	May 1983[c]	May 1984[b]	Apr. 1984[c]	May 1983[c]	May 1984[b]	Apr. 1984[c]	May 1983[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$459.73	$465.38	$431.96	42.1	42.5	41.1	$10.92	$10.95	$10.51
Durable Goods[d]	479.12	483.79	447.69	42.4	42.7	41.3	11.30	11.33	10.84
Lumber and wood products	297.54	294.23	293.60	40.1	39.6	40.0	7.42	7.43	7.34
Furniture and fixtures	317.49	322.51	308.25	40.6	41.4	40.4	7.82	7.79	7.63
Household furniture	277.99	279.79	268.42	39.6	40.2	39.3	7.02	6.96	6.83
Stone, clay, and glass products	414.24	420.93	397.85	41.3	41.8	41.1	10.03	10.07	9.68
Glass and glassware, pressed or blown.	439.83	438.07	416.71	40.5	40.6	39.8	10.86	10.79	10.47
Structural clay products	320.38	318.42	311.33	41.5	41.3	42.3	7.72	7.71	7.36
Pottery and related products	327.28	337.65	319.66	38.1	38.9	38.1	8.59	8.68	8.39
Primary metal industries	541.87	540.58	493.96	42.6	42.7	39.9	12.72	12.66	12.38
Blast furnace and basic steel products	547.94	555.82	504.96	41.7	42.3	38.4	13.14	13.14	13.15
Iron and steel foundries	551.00	524.88	486.21	43.8	42.5	41.1	12.58	12.35	11.83
Nonferrous rolling and drawing	580.29	582.22	521.64	42.7	43.0	41.4	13.59	13.54	12.60
Nonferrous foundries	415.77	430.91	393.73	43.4	44.7	42.2	9.58	9.64	9.33
Fabricated metal products	479.25	486.06	452.28	42.6	42.9	41.8	11.25	11.33	10.82
Cutlery, hand tools, and hardware	461.31	467.17	466.67	39.7	40.1	40.9	11.62	11.65	11.41
Plumbing and heating, except electric.	390.18	386.55	328.38	42.0	42.2	39.0	9.29	9.16	8.42
Fabricated structural metal products .	412.82	406.89	399.59	41.2	41.1	40.2	10.02	9.90	9.94
Screw machine products, bolts, etc. ..	398.11	403.69	387.98	42.9	42.9	41.1	9.28	9.41	9.44
Metal forgings and stampings	594.96	611.08	548.00	44.6	45.4	43.7	13.34	13.46	12.54
Machinery, except electrical	464.81	468.93	417.91	42.8	43.1	40.3	10.86	10.88	10.37
Construction and related machinery ...	419.75	420.65	408.77	39.9	40.1	38.6	10.52	10.49	10.59
Metalworking machinery	434.70	436.58	391.68	42.0	42.1	38.4	10.35	10.37	10.20
Special industry machinery	445.98	446.34	395.85	42.8	43.0	40.6	10.42	10.38	9.75
General industrial machinery	467.08	472.51	415.74	42.5	42.8	40.6	10.99	11.04	10.24
Electric and electronic equipment	421.26	420.21	384.96	41.3	41.4	40.1	10.20	10.15	9.60
Electrical industrial apparatus	401.30	404.17	350.14	40.7	41.2	38.1	9.86	9.81	9.19
Household appliances	425.06	430.20	400.18	40.1	40.7	39.7	10.60	10.57	10.08
Electric lighting and wiring equipment	419.89	425.15	387.92	42.2	42.6	41.4	9.95	9.98	9.37
Communication equipment	474.99	444.85	413.60	42.6	41.0	40.0	11.15	10.85	10.34
Transportation equipment	579.92	593.18	560.33	43.9	44.6	44.4	13.21	13.30	12.62
Motor vehicles and equipment	607.87	624.70	594.17	44.5	45.4	45.6	13.66	13.76	13.03
Aircraft and parts	508.15	509.83	481.40	42.1	42.1	41.5	12.07	12.11	11.60
Instruments and related products	320.80	327.65	296.77	39.9	40.5	39.1	8.04	8.09	7.59
Measuring and controlling devices	319.18	325.22	289.56	39.6	40.3	38.2	8.06	8.07	7.58
Nondurable Goods[e]	414.59	420.26	397.80	41.5	41.9	40.8	9.99	10.03	9.75
Food and kindred products	416.75	424.27	401.58	41.8	42.3	41.4	9.97	10.03	9.70
Meat products	402.14	417.22	408.93	41.5	42.4	41.6	9.69	9.84	9.83
Dairy products	419.79	408.00	391.78	43.1	42.5	42.4	9.74	9.60	9.24
Bakery products	454.02	460.32	408.65	42.0	42.0	40.5	10.81	10.96	10.09
Beverages	375.80	383.66	361.80	39.6	40.3	40.2	9.49	9.52	9.00
Textile mill products	323.83	322.09	296.43	41.2	41.4	41.0	7.86	7.78	7.23
Apparel and other textile products	243.81	244.08	226.81	37.8	37.9	37.0	6.45	6.44	6.13
Paper and allied products	455.62	446.54	416.11	44.8	44.3	43.3	10.17	10.08	9.61
Paper mills, except building paper ...	562.13	573.58	507.31	47.8	48.2	46.8	11.76	11.90	10.84
Misc. converted paper products	402.99	396.09	366.91	43.1	43.1	41.6	9.35	9.19	8.82
Paperboard containers and boxes	414.98	389.30	384.02	44.1	42.5	42.2	9.41	9.16	9.10
Printing and publishing	383.91	388.22	367.52	38.2	38.4	36.9	10.05	10.11	9.96
Newspapers	330.60	321.71	318.72	33.7	33.2	32.0	9.81	9.69	9.96
Commercial printing	389.67	409.66	375.12	39.4	40.4	37.7	9.89	10.14	9.95
Chemicals and allied products	473.30	482.47	444.72	41.3	42.1	40.8	11.46	11.46	10.90
Industrial inorganic chemicals	518.67	519.29	472.79	42.1	42.6	41.4	12.32	12.19	11.42
Plastics materials and synthetics	529.40	537.47	486.78	43.5	44.2	42.7	12.17	12.16	11.40
Petroleum and coal products	600.18	650.71	581.15	42.0	44.6	41.6	14.29	14.59	13.97
Rubber and misc. plastics products	418.39	424.45	413.10	43.0	43.4	42.5	9.73	9.78	9.72
Tires and inner tubes	581.20	584.68	546.99	45.3	45.5	43.9	12.83	12.85	12.46
Miscellaneous plastics products	405.83	415.86	403.75	42.9	43.5	42.5	9.46	9.56	9.50
Leather and leather products	198.64	197.17	214.56	38.2	37.7	38.8	5.20	5.23	5.53

See footnotes at end of table.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN OHIO[a]
MAY 1984 (Continued)

Industry	Employment (in thousands)			Percent Change From[d]	
	May 1984[b]	April 1984[c]	May 1983[c]	April 1984	May 1983
NONMANUFACTURING	3080.3	3048.1	3033.9	1.1	1.5
MINING	27.8	27.4	25.6	1.3	8.6
Bituminous coal and lignite mining	11.9	11.8	10.5	.3	13.2
CONSTRUCTION	131.8	123.6	126.4	6.6	4.2
General building contractors	32.7	31.6	30.9	3.7	5.8
Heavy construction contractors	21.0	17.7	19.2	18.7	9.6
TRANSPORTATION AND PUBLIC UTILITIES	198.0	196.0	199.1	1.0	-.6
Railroad transportation	19.0	18.6	19.3	2.1	-1.6
Transportation, except railroads	87.6	86.1	85.4	1.8	2.5
Trucking and warehousing	62.2	61.1	61.5	1.7	1.0
Communication, electric, gas services	91.4	91.3	94.4	.1	-3.1
Communication	51.9	51.8	54.0	.2	-4.0
Electric, gas, and sanitary services	39.6	39.5	40.4	.1	-1.9
WHOLESALE TRADE	221.5	220.2	219.5	.6	.9
Wholesale trade-durable goods	138.3	137.8	137.2	.4	.8
Motor vehicles & automotive equipment	20.1	20.0	19.9	.6	.8
Electrical goods	18.6	18.5	18.4	.5	1.0
Machinery, equipment, and supplies	57.9	57.9	57.7	.1	.4
Wholesale trade-nondurable goods	83.2	82.4	82.2	.9	1.1
Groceries and related products	26.2	26.0	25.6	.8	2.4
RETAIL TRADE	714.9	704.1	705.9	1.5	1.3
General merchandise stores	108.4	108.0	107.7	.4	.7
Department stores	99.8	99.4	98.8	.4	1.1
Food stores	118.3	117.3	116.5	.8	1.5
Automotive dealers & service stations	75.4	74.6	75.1	1.0	.3
Apparel and accessory stores	32.9	32.8	33.2	.2	-1.1
FINANCE, INSURANCE, AND REAL ESTATE	212.5	211.8	208.7	.3	1.8
Banking	57.1	57.5	58.4	-.7	-2.1
Credit agencies other than banks	32.3	32.2	31.1	.1	3.7
Insurance carriers	59.3	59.2	59.2	.1	.2
SERVICES	902.6	894.4	877.5	.9	2.9
Hotels and other lodging places	29.7	28.5	29.3	4.2	1.1
Laundry, cleaning, & garment services	16.5	16.3	16.5	1.3	.0
Business services	134.1	133.0	127.2	.8	5.4
Health services	327.5	326.2	316.9	.4	3.4
Hospitals	177.7	177.2	174.0	.3	2.1
GOVERNMENT	671.2	670.5	671.3	.1	.0
Federal government	89.5	89.3	88.1	.2	1.6
State government	144.7	145.8	145.2	-.8	-.4
State government, except education	68.8	68.8	70.2	.0	-2.0
State government education[i]	75.9	77.0	75.0	-1.4	1.1
Local government	437.0	435.3	437.9	.4	-.2
Local government, except education	180.3	178.8	182.3	.9	-1.1
Local government education	256.7	256.5	255.6	.0	.4

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[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes miscellaneous manufacturing. [f] Includes tobacco manufactures. [h] Depressed due to labor-management disputes. [i] Includes State Universities, State Schools for Deaf and Blind, and the State Library. Excludes hospitals, the agricultural extension service, agricultural research centers, and departments coordinating and administering educational programs (notably, the Ohio Department of Education).

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN OHIO[a]
MAY 1984 (Continued)

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	May 1984[b]	April 1984[c]	May 1983[c]	May 1984[b]	Apr. 1984[c]	May 1983[c]	May 1984[b]	Apr. 1984[c]	May 1983[c]
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
MINING	$491.62	$479.54	$445.40	43.2	42.4	42.5	$11.38	$11.31	$10.48
Bituminous coal and lignite mining	615.33	600.53	553.50	43.0	42.5	41.9	14.31	14.13	13.21
CONSTRUCTION	578.22	584.63	572.29	36.9	37.5	37.7	15.67	15.59	15.18
General building contractors	507.60	522.93	510.13	36.0	36.8	36.7	14.10	14.21	13.90
Heavy construction contractors	548.33	566.26	578.10	36.9	38.6	39.3	14.86	14.67	14.71
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Railroad transportation	......	......	......	....	....	....	....	....	....
Transportation, except railroads	......	......	......	....	....	....	....	....	....
Trucking and warehousing	448.20	457.13	466.25	36.0	36.6	37.3	12.45	12.49	12.50
Communication, electric, gas services	484.41	484.79	442.26	40.3	40.5	39.7	12.02	11.97	11.14
Communication	480.00	481.99	433.87	40.1	40.3	39.3	11.97	11.96	11.04
Electric, gas, and sanitary services	489.65	488.78	452.65	40.5	40.8	40.2	12.09	11.98	11.26
WHOLESALE TRADE	339.70	337.98	326.43	39.5	39.3	39.0	8.60	8.60	8.37
Wholesale trade-durable goods	336.84	336.80	320.69	40.1	40.0	39.3	8.40	8.42	8.16
Motor vehicles & automotive equipment	275.34	278.58	280.84	39.0	38.8	37.9	7.06	7.18	7.41
Electrical goods	280.84	280.49	265.50	37.9	37.7	37.5	7.41	7.44	7.08
Machinery, equipment, and supplies	382.30	380.70	356.21	40.8	40.5	39.8	9.37	9.40	8.95
Wholesale trade-nondurable goods	345.08	340.74	336.88	38.6	38.2	38.5	8.94	8.92	8.75
Groceries and related products	365.49	359.70	363.78	40.7	40.1	40.6	8.98	8.97	8.96
RETAIL TRADE[f]	160.82	160.34	159.05	29.4	29.1	29.4	5.47	5.51	5.41
General merchandise stores	166.10	166.90	162.48	30.2	30.4	30.2	5.50	5.49	5.38
Department stores	169.38	169.89	165.44	30.3	30.5	30.3	5.59	5.57	5.46
Food stores	209.37	209.10	223.39	30.3	30.0	31.2	6.91	6.97	7.16
Automotive dealers & service stations	223.10	222.94	211.85	36.1	35.9	36.4	6.18	6.21	5.82
Apparel and accessory stores	114.14	118.69	114.74	26.0	26.2	25.9	4.39	4.53	4.43
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
Banking	221.43	222.78	213.39	....	....	....	....	....	....
Credit agencies other than banks	217.36	218.30	209.77	....	....	....	....	....	....
Insurance carriers	298.19	297.47	286.70	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
Hotels and other lodging places	......	......	......	....	....	....	....	....	....
Laundry, cleaning, & garment services	......	......	......	....	....	....	....	....	....
Business services	......	......	......	....	....	....	....	....	....
Health services	......	......	......	....	....	....	....	....	....
Hospitals	286.24	285.90	277.98	33.4	33.4	33.9	8.57	8.55	8.20
GOVERNMENT	......	......	......	....	....	....	....	....	....
Federal government	......	......	......	....	....	....	....	....	....
State government	......	......	......	....	....	....	....	....	....
State government, except education	......	......	......	....	....	....	....	....	....
State government education	......	......	......	....	....	....	....	....	....
Local government	......	......	......	....	....	....	....	....	....
Local government, except education	......	......	......	....	....	....	....	....	....
Local government education	......	......	......	....	....	....	....	....	....

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes miscellaneous manufacturing. [e] Includes tobacco manufactures. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN AKRON METROPOLITAN AREA[a]
MAY 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	May 1984[b]	April 1984[c]	May 1983[c]	April 1984	May 1983
TOTAL	253.1	249.7	246.0	1.3	2.9
MANUFACTURING	67.4	67.0	64.7	.5	4.2
Durable Goods[e]	34.7	34.4	32.4	.8	7.1
Stone, clay, and glass products	1.3	1.3	1.4	3.3	- 7.8
Fabricated metal products	13.1	12.9	12.4	1.9	5.8
Machinery, except electrical	8.9	8.9	8.3	- .1	7.2
Special industry machinery	1.5	1.4	1.3	3.5	14.1
Nondurable Goods[f]	32.7	32.6	32.3	.2	1.2
Food and kindred products	2.7	2.7	2.6	.3	5.8
Chemicals and allied products	2.9	2.9	3.2	.6	- 11.4
Rubber and misc. plastics products	21.9	21.8	21.4	.3	2.1
Tires and inner tubes	15.5	15.5	15.5	.0	.1
NONMANUFACTURING[g]	185.7	182.7	181.3	1.6	2.4
CONSTRUCTION	7.0	6.4	6.6	8.4	4.9
TRANSPORTATION AND PUBLIC UTILITIES	12.4	12.3	12.6	1.4	- 1.6
Communication, electric, gas services ..	5.3	5.3	5.5	.2	- 3.9
WHOLESALE TRADE	11.5	11.5	11.6	.3	- .1
RETAIL TRADE	45.6	45.1	44.9	1.1	1.6
FINANCE, INSURANCE, AND REAL ESTATE	9.5	9.5	9.2	.2	3.3
SERVICES	55.9	54.4	52.9	2.8	5.5
GOVERNMENT	43.2	42.9	42.7	.5	1.0
State government (includes education) ..	14.9	14.8	14.3	.2	3.7
Local government (includes education) ..	26.2	26.0	26.4	.7	- .7

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Akron area is defined as Portage and Summit Counties. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; primary metal industries; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN AKRON METROPOLITAN AREA[a]
MAY 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	May 1984[b]	April 1984[c]	May 1983[c]	May 1984[b]	Apr. 1984[c]	May 1983[c]	May 1984[b]	Apr. 1984[c]	May 1983[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$467.86	$471.29	$440.91	43.2	43.8	42.6	$10.83	$10.76	$10.35
Durable Goods[d]	487.69	488.63	444.44	43.7	44.1	42.9	11.16	11.08	10.36
Stone, clay, and glass products	376.25	397.32	390.93	40.5	42.0	41.5	9.29	9.46	9.42
Fabricated metal products	602.10	599.80	507.36	45.0	45.2	43.7	13.38	13.27	11.61
Machinery, except electrical	411.55	412.10	411.15	44.3	44.6	43.6	9.29	9.24	9.43
Special industry machinery	498.58	497.61	413.22	48.5	48.5	42.6	10.28	10.26	9.70
Nondurable Goods[e]	439.03	447.62	436.35	42.5	43.5	42.2	10.33	10.29	10.34
Food and kindred products	476.19	459.65	460.80	45.7	44.8	45.0	10.42	10.26	10.24
Chemicals and allied products	441.57	453.47	445.12	41.0	41.3	41.6	10.77	10.98	10.70
Rubber and misc. plastics products	461.58	481.05	456.82	43.3	45.0	43.3	10.66	10.69	10.55
Tires and inner tubes	619.78	630.59	599.52	46.6	47.2	45.8	13.30	13.36	13.09
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	593.94	568.31	552.05	38.0	36.5	37.2	15.63	15.57	14.84
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	493.69	496.13	445.28	40.4	40.5	39.9	12.22	12.25	11.16
WHOLESALE TRADE	319.18	315.99	298.65	39.6	39.4	39.4	8.06	8.02	7.58
RETAIL TRADE[f]	178.20	177.01	175.81	30.0	29.7	29.9	5.94	5.96	5.88
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
State government (includes education)	......	......	......	....	....	....	....	....	....
Local government (includes education)	......	......	......	....	....	....	....	....	....

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Akron area is defined as Portage and Summit Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; furniture and fixtures; primary metal industries; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

Labor Market Information Division
Ohio Bureau of Employment Services
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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CANTON METROPOLITAN AREA[a]
MAY 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	May 1984[b]	April 1984[c]	May 1983[c]	April 1984	May 1983
TOTAL	147.7	146.8	143.8	.6	2.7
MANUFACTURING	45.3	45.4	43.3	- .2	4.6
Durable Goods[e]	33.9	34.1	33.0	- .4	2.8
Stone, clay, and glass products	1.6	1.5	1.8	2.7	- 13.0
Primary metal industries	11.0	11.1	10.2	- .7	7.5
Fabricated metal products	7.4	7.3	7.5	1.2	- .9
Fabricated structural metal products	1.7	1.7	2.1	.2	- 18.1
Metal forgings and stampings	2.4	2.4	2.1	3.3	15.0
Nondurable Goods[f]	11.4	11.3	10.3	.4	10.4
Food and kindred products	4.0	4.0	3.6	.9	10.6
Rubber and misc. plastics products	2.8	2.8	2.4	.0	18.6
NONMANUFACTURING[g]	102.4	101.4	100.4	1.0	1.9
CONSTRUCTION	4.7	4.3	4.0	8.8	16.9
TRANSPORTATION AND PUBLIC UTILITIES	5.8	5.7	5.9	1.5	- 2.7
Communication, electric, gas services	2.7	2.7	2.9	.5	- 4.8
WHOLESALE TRADE	7.5	7.5	7.2	.3	3.5
RETAIL TRADE	26.0	25.6	26.0	1.4	.0
FINANCE, INSURANCE, AND REAL ESTATE	6.7	6.7	6.4	.4	4.7
SERVICES	31.8	31.7	31.2	.5	2.1
GOVERNMENT	18.6	18.6	18.5	.0	.2
Local government (includes education)	15.8	15.8	15.6	.0	.9

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[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Canton area is defined as Carroll and Stark Counties. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CANTON METROPOLITAN AREA[a]

MAY 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	May 1984[b]	April 1984[c]	May 1983[c]	May 1984[b]	Apr. 1984[c]	May 1983[c]	May 1984[b]	Apr. 1984[c]	May 1983[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$450.59	$441.45	$409.62	41.0	40.5	38.9	$10.99	$10.90	$10.53
Durable Goods[d]	469.36	458.46	419.43	41.1	40.5	38.8	11.42	11.32	10.81
Stone, clay, and glass products	298.22	282.98	280.57	40.3	39.8	41.2	7.40	7.11	6.81
Primary metal industries	511.28	502.66	445.43	41.5	40.9	37.4	12.32	12.29	11.91
Fabricated metal products	532.56	522.91	470.26	42.3	41.9	40.4	12.59	12.48	11.64
Fabricated structural metal products	393.98	397.99	466.05	40.7	41.2	41.5	9.68	9.66	11.23
Metal forgings and stampings	674.97	655.62	542.30	45.3	44.6	40.2	14.90	14.70	13.49
Nondurable Goods[e]	390.98	388.95	375.93	40.6	40.6	39.2	9.63	9.58	9.59
Food and kindred products	414.91	406.62	427.17	40.4	40.5	39.7	10.27	10.04	10.76
Rubber and misc. plastics products	448.12	444.65	404.35	44.5	44.2	43.2	10.07	10.06	9.36
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	555.62	583.81	541.37	35.3	37.4	35.9	15.74	15.61	15.08
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	490.85	483.52	443.37	40.6	40.7	39.8	12.09	11.88	11.14
WHOLESALE TRADE	302.17	302.02	306.36	35.3	35.2	37.0	8.56	8.58	8.28
RETAIL TRADE[f]	160.86	158.51	158.30	29.9	29.3	29.7	5.38	5.41	5.33
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
Local government (includes education)	......	......	......	....	....	....	....	....	....

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Canton area is defined as Carroll and Stark Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; furniture and fixtures; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CINCINNATI METROPOLITAN AREA[a]
MAY 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	May 1984[b]	April 1984[c]	May 1983[c]	April 1984	May 1983
TOTAL	589.5	584.2	575.3	.9	2.5
MANUFACTURING	145.2	144.6	139.0	.4	4.5
Durable Goods[e]	78.8	78.5	75.4	.3	4.5
Furniture and fixtures	2.0	1.9	2.1	3.0	- 5.6
Primary metal industries	2.1	2.0	1.7	1.7	20.9
Fabricated metal products	12.4	12.5	11.8	- .8	4.9
Fabricated structural metal products	3.6	3.6	3.7	.0	- 2.9
Machinery, except electrical	19.0	18.9	18.3	.6	3.7
Metalworking machinery	7.9	7.9	7.8	- .1	1.9
General industrial machinery	3.5	3.5	3.4	.7	3.6
Electric and electronic equipment	8.2	8.2	8.0	- .5	1.6
Transportation equipment	25.3	25.2	23.7	.3	6.6
Motor vehicles and equipment	10.3	10.2	9.1	.1	13.1
Nondurable Goods[f]	66.4	66.0	63.5	.6	4.5
Food and kindred products	14.8	14.6	13.6	1.5	8.5
Meat products	2.3	2.3	1.7	.9	37.1
Bakery products	2.7	2.6	2.4	3.4	10.8
Beverages	4.3	4.2	4.1	.3	2.6
Apparel and other textile products	4.1	4.1	3.8	.6	8.2
Paper and allied products	6.1	6.0	5.7	.9	6.7
Printing and publishing	11.7	11.7	11.6	- .2	1.3
Chemicals and allied products	21.6	21.6	21.2	.2	2.0
Rubber and misc. plastics products	4.9	5.0	4.3	- 2.7	13.2
NONMANUFACTURING[g]	444.3	439.6	436.4	1.1	1.8
CONSTRUCTION	20.6	19.6	19.7	5.3	4.3
TRANSPORTATION AND PUBLIC UTILITIES	30.9	30.8	31.6	.5	- 2.0
Communication, electric, gas services	14.1	14.1	14.9	- .2	- 5.9
WHOLESALE TRADE	36.0	35.9	36.0	.3	- .1
RETAIL TRADE	104.9	103.7	103.6	1.2	1.3
FINANCE, INSURANCE, AND REAL ESTATE	33.2	33.1	32.7	.4	1.6
Banking	7.3	7.4	7.3	- .3	.0
Insurance carriers	11.3	11.2	11.2	.4	.8
SERVICES	136.4	135.0	130.6	1.0	4.4
GOVERNMENT	81.9	81.3	81.7	.8	.2
Federal government	13.6	13.3	12.6	1.9	7.9
State government (includes education)	17.8	17.8	18.4	- .3	- 3.4
Local government	50.6	50.1	50.7	.8	- .4
Local government, except education	21.2	21.1	21.7	.4	- 2.4
Local government education	29.4	29.0	29.1	1.2	1.1

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[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Cincinnati area is defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; stone, clay, and glass products; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CINCINNATI METROPOLITAN AREA[a]
MAY 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	May 1984[b]	April 1984[c]	May 1983[c]	May 1984[b]	Apr. 1984[c]	May 1983[c]	May 1984[b]	Apr. 1984[c]	May 1983[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$437.85	$445.42	$412.08	41.7	42.1	40.8	$10.50	$10.58	$10.10
Durable Goods[d]	429.11	433.06	398.93	41.5	41.6	40.5	10.34	10.41	9.85
Furniture and fixtures	348.19	347.33	318.16	41.8	41.3	41.0	8.33	8.41	7.76
Primary metal industries	507.04	511.70	419.58	43.3	43.0	37.0	11.71	11.90	11.34
Fabricated metal products	374.39	371.87	379.22	40.3	39.9	41.4	9.29	9.32	9.16
Fabricated structural metal products	367.93	361.89	344.97	40.7	40.3	40.3	9.04	8.98	8.56
Machinery, except electrical	392.89	395.73	357.88	41.4	41.7	38.9	9.49	9.49	9.20
Metalworking machinery	432.95	434.97	387.00	40.5	40.5	37.5	10.69	10.74	10.32
General industrial machinery	359.97	367.65	361.24	42.2	42.9	42.7	8.53	8.57	8.46
Electric and electronic equipment	328.82	332.47	304.94	41.0	41.3	39.5	8.02	8.05	7.72
Transportation equipment	596.52	609.77	544.35	42.7	43.4	42.1	13.97	14.05	12.93
Motor vehicles and equipment	680.33	691.56	616.17	44.7	45.2	43.7	15.22	15.30	14.10
Nondurable Goods[e]	446.01	457.73	427.24	41.8	42.5	41.2	10.67	10.77	10.37
Food and kindred products	494.64	497.94	485.64	43.2	43.0	42.6	11.45	11.58	11.40
Meat products	421.85	412.25	412.85	43.4	42.5	42.3	9.72	9.70	9.76
Bakery products	473.71	492.42	439.21	43.7	43.5	43.4	10.84	11.32	10.12
Beverages	470.68	475.73	442.57	42.1	42.4	41.4	11.18	11.22	10.69
Apparel and other textile products	225.22	213.96	228.33	37.6	36.7	38.7	5.99	5.83	5.90
Paper and allied products	401.76	394.62	361.18	43.2	42.8	40.4	9.30	9.22	8.94
Printing and publishing	427.18	443.56	413.04	40.3	41.3	39.3	10.60	10.74	10.51
Chemicals and allied products	525.01	548.10	489.35	41.9	43.5	41.4	12.53	12.60	11.82
Rubber and misc. plastics products	372.96	389.55	379.85	44.4	46.1	45.6	8.40	8.45	8.33
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	538.69	542.79	541.97	37.1	37.0	37.9	14.52	14.67	14.30
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	466.49	463.34	433.48	39.3	39.2	39.3	11.87	11.82	11.03
WHOLESALE TRADE	362.64	359.86	332.98	40.7	40.8	38.9	8.91	8.82	8.56
RETAIL TRADE[f]	165.58	164.47	160.51	31.3	30.8	30.4	5.29	5.34	5.28
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
Banking	229.35	230.12	220.41	....	....	....	....	....	....
Insurance carriers	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
Federal government	......	......	......	....	....	....	....	....	....
State government (includes education)	......	......	......	....	....	....	....	....	....
Local government	......	......	......	....	....	....	....	....	....
Local government, except education	......	......	......	....	....	....	....	....	....
Local government education	......	......	......	....	....	....	....	....	....

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[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Cincinnati area is defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; stone, clay, and glass products; instruments and related products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CLEVELAND METROPOLITAN AREA[a]
MAY 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	May 1984[b]	April 1984[c]	May 1983[c]	April 1984	May 1983
TOTAL	829.9	825.8	825.5	.5	.5
MANUFACTURING	210.6	210.6	206.1	.0	2.2
Durable Goods[e]	146.3	146.4	143.6	.0	1.9
Furniture and fixtures	2.3	2.3	2.0	- 2.0	11.3
Primary metal industries	24.6	24.7	23.8	- .2	3.3
Blast furnace and basic steel products	11.9	11.9	12.3	.0	- 3.3
Iron and steel foundries	6.1	6.2	5.5	- .7	11.3
Nonferrous foundries	2.6	2.6	2.5	- .2	1.7
Fabricated metal products	31.8	32.0	30.9	- .7	2.7
Fabricated structural metal products	3.8	3.8	3.6	- .7	5.6
Screw machine products, bolts, etc.	4.2	4.1	4.3	1.2	- 3.1
Metal forgings and stampings	10.9	11.1	10.7	- 1.6	2.0
Machinery, except electrical	32.1	32.0	30.7	.2	4.4
Construction and related machinery	4.9	5.0	5.3[h]	- 1.4	- 7.8
Metalworking machinery	10.5	10.5	10.0	.1	5.4
Special industry machinery	3.1	3.1	2.9	.6	8.0
General industrial machinery	2.8	2.7	2.7	2.3	2.2
Electric and electronic equipment	22.3	22.2	22.2	.4	.3
Electrical industrial apparatus	7.5	7.5	7.4	.0	1.3
Transportation equipment	19.6	19.6	20.5	.1	- 4.5
Motor vehicles and equipment	13.2	13.2	14.2	.1	- 6.8
Instruments and related products	5.9	5.8	5.8	.6	2.1
Nondurable Goods[f]	64.3	64.2	62.6	.1	2.7
Food and kindred products	7.6	7.6	7.6	.6	.8
Bakery products	1.7	1.7	1.8	2.8	- .6
Beverages	1.6	1.6	1.6	1.7	- 1.3
Apparel and other textile products	5.4	5.3	4.9	1.2	10.2
Paper and allied products	5.0	5.0	4.8	.5	4.7
Printing and publishing	15.2	15.1	14.7	.8	3.2
Chemicals and allied products	14.3	14.3	14.3	- .1	- .1
Industrial inorganic chemicals	3.2	3.2	3.4	- .2	- 4.7
Rubber and misc. plastics products	10.9	11.2	10.5	- 2.3	3.7
NONMANUFACTURING[g]	619.4	615.2	619.4	.7	.0
CONSTRUCTION	25.1	23.6	24.5	6.5	2.5
TRANSPORTATION AND PUBLIC UTILITIES	41.4	41.1	41.5	.6	- .3
Communication, electric, gas services	19.6	19.5	20.0	.2	- 2.2
WHOLESALE TRADE	57.4	57.2	58.0	.2	- 1.1
RETAIL TRADE	134.4	132.6	134.4	1.4	.0
FINANCE, INSURANCE, AND REAL ESTATE	47.7	48.0	48.6	- .5	- 1.8
Banking	12.5	12.8	13.4	- 2.1	- 7.0
Insurance carriers	11.5	11.5	12.1	- .6	- 5.3
SERVICES	200.2	198.9	195.1	.7	2.6
GOVERNMENT	112.0	112.7	116.4	- .6	- 3.8
Federal government	19.3	19.4	19.2	- .3	.6
State government (includes education)	7.6	7.9	7.7	- 3.8	- 1.7
Local government	85.1	85.4	89.5	- .4	- 5.0
Local government, except education	43.0	42.9	45.0	.3	- 4.5
Local government education	42.1	42.5	44.5	- 1.1	- 5.5

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Cleveland area is defined as Cuyahoga, Geauga, Lake, and Medina Counties. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; stone, clay, and glass products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

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Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CLEVELAND METROPOLITAN AREA[a]
MAY 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	May 1984[b]	April 1984[c]	May 1983[c]	May 1984[b]	Apr. 1984[c]	May 1983[c]	May 1984[b]	Apr. 1984[c]	May 1983[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$459.38	$457.69	$423.05	42.3	42.3	40.6	$10.86	$10.82	$10.42
Durable Goods[d]	487.92	487.77	448.13	42.8	42.9	41.0	11.40	11.37	10.93
Furniture and fixtures	318.39	328.80	290.03	39.7	41.1	36.9	8.02	8.00	7.86
Primary metal industries	552.97	537.20	486.33	43.1	42.5	39.7	12.83	12.64	12.25
Blast furnace and basic steel products	517.68	516.90	467.13	39.1	39.1	36.1	13.24	13.22	12.94
Iron and steel foundries	725.13	661.25	610.34	47.8	44.8	44.1	15.17	14.76	13.84
Nonferrous foundries	362.09	377.15	357.93	42.3	43.5	41.0	8.56	8.67	8.73
Fabricated metal products	474.53	479.76	436.58	43.1	43.3	41.5	11.01	11.08	10.52
Fabricated structural metal products	349.38	337.26	343.20	39.3	38.9	39.0	8.89	8.67	8.80
Screw machine products, bolts, etc.	441.29	448.02	407.55	45.4	45.3	41.8	9.72	9.89	9.75
Metal forgings and stampings	618.27	627.83	548.92	45.9	46.3	43.6	13.47	13.56	12.59
Machinery, except electrical	480.87	473.47	434.97	43.4	43.2	40.5	11.08	10.96	10.74
Construction and related machinery	479.20	476.01	461.78	39.9	39.8	39.2	12.01	11.96	11.78
Metalworking machinery	420.62	418.97	412.91	41.4	41.4	39.4	10.16	10.12	10.48
Special industry machinery	490.56	491.07	439.15	42.0	41.9	40.4	11.68	11.72	10.87
General industrial machinery	425.57	418.16	371.94	42.9	42.8	39.4	9.92	9.77	9.44
Electric and electronic equipment	409.12	406.07	364.77	41.2	41.1	38.6	9.93	9.88	9.45
Electrical industrial apparatus	427.63	416.34	341.44	41.0	40.5	35.2	10.43	10.28	9.70
Transportation equipment	603.44	619.26	585.13	44.6	45.4	45.5	13.53	13.64	12.86
Motor vehicles and equipment	645.98	667.70	627.79	45.3	46.4	46.4	14.26	14.39	13.53
Instruments and related products	373.77	379.61	348.39	41.3	41.9	40.7	9.05	9.06	8.56
Nondurable Goods[e]	382.17	379.20	357.08	40.7	40.6	39.5	9.39	9.34	9.04
Food and kindred products	393.60	392.37	378.28	41.0	41.0	40.2	9.60	9.57	9.41
Bakery products	440.48	433.44	376.27	42.6	42.0	39.4	10.34	10.32	9.55
Beverages	350.24	357.70	354.46	39.8	41.4	41.8	8.80	8.64	8.48
Apparel and other textile products	269.09	276.23	255.13	37.9	38.1	37.3	7.10	7.25	6.84
Paper and allied products	436.37	433.07	385.33	43.9	43.7	41.3	9.94	9.91	9.33
Printing and publishing	366.78	371.12	361.15	36.1	36.6	35.9	10.16	10.14	10.06
Chemicals and allied products	472.22	472.76	435.59	42.2	42.4	40.9	11.19	11.15	10.65
Industrial inorganic chemicals	516.06	515.95	464.12	42.3	42.5	41.0	12.20	12.14	11.32
Rubber and misc. plastics products	352.51	339.62	330.43	43.2	42.4	42.2	8.16	8.01	7.83
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	736.09	727.50	671.46	38.1	38.8	38.0	19.32	18.75	17.67
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	514.29	512.33	459.40	40.4	40.5	39.4	12.73	12.65	11.66
WHOLESALE TRADE	359.10	354.92	334.84	39.9	39.7	38.8	9.00	8.94	8.63
RETAIL TRADE[f]	174.50	172.96	168.13	28.7	28.4	28.4	6.08	6.09	5.92
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
Banking	246.64	253.07	241.68	....	....	....	....	....	....
Insurance carriers	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
Federal government	......	......	......	....	....	....	....	....	....
State government (includes education)	......	......	......	....	....	....	....	....	....
Local government	......	......	......	....	....	....	....	....	....
Local government, except education	......	......	......	....	....	....	....	....	....
Local government education	......	......	......	....	....	....	....	....	....

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[a]Estimated in cooperation with U. S. Bureau of Labor Statistics. Cleveland area is defined as Cuyahoga, Geauga, Lake, and Medina Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes lumber and wood products; stone, clay, and glass products; miscellaneous manufacturing. [e]Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [f]Money payments only, tips not included. [h]Low due to labor-management disputes during part of pay period.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN COLUMBUS METROPOLITAN AREA[a]
MAY 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	May 1984[b]	April 1984[c]	May 1983[c]	April 1984	May 1983
TOTAL	516.7	514.0	499.7	.5	3.4
MANUFACTURING	87.1	87.4	83.2	-.3	4.7
Durable Goods[e]	56.1[h]	56.5	52.4	-.6	7.1
Stone, clay, and glass products	9.4	9.3	9.0	.8	4.4
Fabricated metal products	10.1	10.1	9.4	.8	7.8
Machinery, except electrical	9.8	9.7	8.9	.9	10.7
Electric and electronic equipment	10.4	10.2	9.8	1.1	5.5
Transportation equipment	8.9	8.9	7.7	.5	16.6
Nondurable Goods[f]	31.0	30.9	30.8	.1	.7
Food and kindred products	10.0	10.0	9.8	-.2	2.1
Printing and publishing	8.1	8.0	8.1	1.1	-.9
Chemicals and allied products	6.2	6.2	6.1	.4	2.1
Rubber and misc. plastics products	2.7	2.7	2.6	.0	4.6
NONMANUFACTURING[g]	429.6	426.6	416.5	.7	3.1
CONSTRUCTION	15.9	15.0	15.0	6.2	6.4
TRANSPORTATION AND PUBLIC UTILITIES	23.1	22.9	22.7	.9	2.0
Communication, electric, gas services	11.1	11.1	11.0	.0	1.5
WHOLESALE TRADE	27.8	27.7	27.2	.5	2.3
RETAIL TRADE	97.5	95.8	93.7	1.8	4.1
FINANCE, INSURANCE, AND REAL ESTATE	45.0	44.8	42.7	.5	5.5
Banking	8.8	8.8	8.4	-.5	4.4
Insurance carriers	18.1	18.1	17.9	.1	1.1
SERVICES	116.8	116.4	112.7	.4	3.6
GOVERNMENT	102.8	103.5	102.0	-.7	.8
Federal government	11.5	11.5	11.2	.1	2.5
State government	48.3	49.0	48.7	-1.6	-.9
State government, except education	27.8	27.9	28.3	-.3	-1.7
State government education[i]	20.5	21.1	20.4	-3.2	.2
Local government	43.1	43.0	42.0	.1	2.4
Local government, except education	17.5	17.5	17.4	.3	.5
Local government education	25.6	25.6	24.6	.0	3.8

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Columbus area is defined as Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes. [i] Includes State Universities, State Schools for Deaf and Blind, and the State Library. Excludes hospitals, the agricultural extension service, agricultural research centers, and departments coordinating and administering education programs (notably, the Ohio Department of Education).

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN COLUMBUS METROPOLITAN AREA[a]
MAY 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	May 1984[b]	April 1984[c]	May 1983[c]	May 1984[b]	Apr. 1984[c]	May 1983[c]	May 1984[b]	Apr. 1984[c]	May 1983[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$416.12	$413.91	$398.97	40.4	40.5	40.3	$10.30	$10.22	$ 9.90
Durable Goods[d]	430.36	425.89	418.14	40.6	40.6	40.4	10.60	10.49	10.35
Stone, clay, and glass products	386.12	396.19	389.37	39.2	40.1	40.1	9.85	9.88	9.71
Fabricated metal products	490.82	494.08	509.57	40.1	40.3	41.7	12.24	12.26	12.22
Machinery, except electrical	405.82	401.99	373.07	41.2	41.7	39.9	9.85	9.64	9.35
Electric and electronic equipment	430.56	420.04	393.16	41.4	40.9	40.7	10.40	10.27	9.66
Transportation equipment	511.34	506.57	529.87	42.4	41.9	43.9	12.06	12.09	12.07
Nondurable Goods[e]	386.97	386.32	361.80	40.1	40.2	40.2	9.65	9.61	9.00
Food and kindred products	364.32	365.82	361.54	39.6	40.2	41.7	9.20	9.10	8.67
Printing and publishing	446.46	445.28	426.39	37.9	37.8	37.7	11.78	11.78	11.31
Chemicals and allied products	446.71	454.62	407.77	41.4	41.9	40.9	10.79	10.85	9.97
Rubber and misc. plastics products	307.20	308.77	301.08	40.0	40.1	41.3	7.68	7.70	7.29
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	476.63	481.57	498.70	37.5	37.8	37.3	12.71	12.74	13.37
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	515.26	507.55	453.94	40.7	40.8	39.2	12.66	12.44	11.58
WHOLESALE TRADE	287.96	292.00	317.59	39.5	39.3	39.6	7.29	7.43	8.02
RETAIL TRADE[f]	156.99	157.89	164.61	28.7	28.5	29.5	5.47	5.54	5.58
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
Banking	240.40	239.03	230.98	....	....	....	....	....	....
Insurance carriers	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
Federal government	......	......	......	....	....	....	....	....	....
State government	......	......	......	....	....	....	....	....	....
State government, except education	......	......	......	....	....	....	....	....	....
State government education	......	......	......	....	....	....	....	....	....
Local government	......	......	......	....	....	....	....	....	....
Local government, except education	......	......	......	....	....	....	....	....	....
Local government education	......	......	......	....	....	....	....	....	....

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Columbus area is defined as Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN DAYTON METROPOLITAN AREA[a]

MAY 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	May 1984[b]	April 1984[c]	May 1983[c]	April 1984	May 1983
TOTAL	344.5	343.8	334.8	.2	2.9
MANUFACTURING	91.3	91.4	85.3	- .1	7.0
Durable Goods[e]	63.2	63.4	59.2	- .4	6.7
Stone, clay, and glass products	2.0	2.0	2.0	- 1.9	.6
Fabricated metal products	7.0	7.0	6.4	- .2	9.0
Machinery, except electrical	29.6	29.6	27.8	.1	6.3
Metalworking machinery	6.6	6.6	6.3	.5	5.4
Electric and electronic equipment	5.0	5.0	4.7	- 1.0	5.1
Electrical industrial apparatus	2.9	2.9	2.8	- 1.0	3.0
Transportation equipment	13.4	13.5	12.8	- .8	4.8
Nondurable Goods[f]	28.1	27.9	26.1	.6	7.6
Food and kindred products	2.9	2.9	2.8	.5	4.0
Paper and allied products	5.8	5.7	5.1	1.7	13.1
Printing and publishing	7.4	7.4	7.2	.0	3.4
Rubber and misc. plastics products	8.3	8.3	7.6	- .1	9.7
NONMANUFACTURING[g]	253.3	252.5	249.5	.3	1.5
CONSTRUCTION	9.1	8.6	8.9	5.1	1.7
TRANSPORTATION AND PUBLIC UTILITIES	12.8	12.7	12.7	1.1	1.0
Communication, electric, gas services	5.6	5.6	6.0	.2	- 6.3
WHOLESALE TRADE	16.8	16.8	16.5	.1	1.7
RETAIL TRADE	55.9	55.0	55.3	1.6	1.0
FINANCE, INSURANCE, AND REAL ESTATE	14.0	14.0	13.7	.1	2.5
SERVICES	76.9	77.7	74.8	- 1.0	2.9
GOVERNMENT	67.5	67.4	67.3	.1	.2
Federal government	26.2	26.3	25.8	- .4	1.4
State government (includes education)	5.9	6.1	5.8	- 3.4	2.5
Local government	35.3	35.0	35.7	1.0	- 1.0
Local government, except education	13.1	12.9	13.1	1.3	- .3
Local government education	22.3	22.1	22.6	.8	- 1.5

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Dayton area is defined as Greene, Miami, Montgomery, and Preble Counties. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

Labor Market Information Division
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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN DAYTON METROPOLITAN AREA[a]
MAY 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	May 1984[b]	April 1984[c]	May 1983[c]	May 1984[b]	Apr. 1984[c]	May 1983[c]	May 1984[b]	Apr. 1984[c]	May 1983[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$470.73	$478.16	$430.32	42.6	43.0	41.1	$11.05	$11.12	$10.47
Durable Goods[d]	476.62	482.36	427.24	42.9	43.3	41.2	11.11	11.14	10.37
Stone, clay, and glass products	389.75	377.06	358.52	41.2	40.5	38.1	9.46	9.31	9.41
Fabricated metal products	377.14	386.30	332.10	43.2	43.6	40.5	8.73	8.86	8.20
Machinery, except electrical	521.37	520.48	451.02	44.6	44.6	41.8	11.69	11.67	10.79
Metalworking machinery	494.18	486.90	432.01	45.8	45.0	41.7	10.79	10.82	10.36
Electric and electronic equipment	332.92	340.29	310.87	41.0	41.6	39.5	8.12	8.18	7.87
Electrical industrial apparatus	355.72	373.05	329.47	40.7	42.2	39.6	8.74	8.84	8.32
Transportation equipment	578.66	601.44	520.33	42.3	43.3	41.1	13.68	13.89	12.66
Nondurable Goods[e]	457.13	466.99	436.56	41.9	42.3	40.8	10.91	11.04	10.70
Food and kindred products	416.17	409.54	393.56	43.9	43.2	40.2	9.48	9.48	9.79
Paper and allied products	425.35	428.90	359.86	44.4	45.1	40.8	9.58	9.51	8.82
Printing and publishing	407.43	407.11	372.05	37.9	37.8	35.4	10.75	10.77	10.51
Rubber and misc. plastics products	560.90	592.14	582.03	42.3	43.7	44.6	13.26	13.55	13.05
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	495.86	528.07	560.38	36.3	38.1	39.8	13.66	13.86	14.08
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	486.80	494.50	450.99	40.0	40.4	39.7	12.17	12.24	11.36
WHOLESALE TRADE	353.64	355.32	336.17	42.0	42.1	40.6	8.42	8.44	8.28
RETAIL TRADE[f]	160.48	158.34	155.82	29.5	29.0	29.4	5.44	5.46	5.30
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
Federal government	......	......	......	....	....	....	....	....	....
State government (includes education)	......	......	......	....	....	....	....	....	....
Local government	......	......	......	....	....	....	....	....	....
Local government, except education	......	......	......	....	....	....	....	....	....
Local government education	......	......	......	....	....	....	....	....	....

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Dayton area is defined as Greene, Miami, Montgomery, and Preble Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

Labor Market Information Division
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Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN TOLEDO METROPOLITAN AREA[a]
MAY 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	May 1984[b]	April 1984[c]	May 1983[c]	April 1984	May 1983
TOTAL	294.5	291.5	281.8	1.0	4.5
MANUFACTURING	75.9	75.8	67.8	.1	11.9
Durable Goods[e]	59.6	59.4	52.5	.3	13.4
Stone, clay, and glass products	11.4	11.4	11.1	-.3	2.5
Primary metal industries	4.0	4.0	3.7	.9	8.7
Fabricated metal products	8.7	8.5	7.7	2.8	13.0
Metal forgings and stampings	4.2	4.1	3.5	1.0	17.8
Machinery, except electrical	6.5	6.4	6.0	1.4	9.3
General industrial machinery	1.6	1.6	1.6[h]	-.5	-3.1
Transportation equipment	20.8	21.0	16.7	-.7	25.0
Motor vehicles and equipment	19.6	19.7	15.5	-.6	26.6
Nondurable Goods[f]	16.3	16.4	15.2	-.4	6.9
Food and kindred products	4.0	4.0	3.9	-.9	2.2
Rubber and misc. plastics products	4.5	4.5	3.2	-.7	40.4
NONMANUFACTURING[g]	218.6	215.7	214.0	1.3	2.1
CONSTRUCTION	9.8	9.1	9.9	8.1	-1.1
TRANSPORTATION AND PUBLIC UTILITIES	17.6	17.5	17.5	.6	.5
Communication, electric, gas services	7.4	7.4	7.8	.3	-4.2
WHOLESALE TRADE	14.4	14.3	14.4	.6	.2
RETAIL TRADE	50.0	48.8	49.9	2.4	.3
FINANCE, INSURANCE, AND REAL ESTATE	11.0	10.9	10.7	.4	2.2
SERVICES	66.2	65.8	63.8	.7	3.8
GOVERNMENT	49.2	48.9	47.4	.6	3.8
State government (includes education)	15.3	15.5	14.9	-.9	2.6
Local government	31.0	30.7	29.7	1.2	4.5
Local government, except education	12.5	12.1	11.6	3.4	7.6
Local government education	18.6	18.6	18.1	-.2	2.6

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[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Toledo area is defined as Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; electric and electronic equipment; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN TOLEDO METROPOLITAN AREA[a]
MAY 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	May 1984[b]	April 1984[c]	May 1983[c]	May 1984[b]	Apr. 1984[c]	May 1983[c]	May 1984[b]	Apr. 1984[c]	May 1983[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$503.58	$506.05	$482.08	43.6	43.7	42.7	$11.55	$11.58	$11.29
Durable Goods[d]	529.76	532.29	502.12	44.0	44.1	43.1	12.04	12.07	11.65
Stone, clay, and glass products	513.34	520.23	488.32	43.8	44.2	43.1	11.72	11.77	11.33
Primary metal industries	486.42	505.05	429.06	44.1	45.5	41.9	11.03	11.10	10.24
Fabricated metal products	476.69	495.48	469.52	43.1	44.2	42.8	11.06	11.21	10.97
Metal forgings and stampings	520.51	531.36	521.24	42.7	43.2	42.9	12.19	12.30	12.15
Machinery, except electrical	439.95	454.11	416.80	41.9	42.8	40.0	10.50	10.61	10.42
General industrial machinery	470.50	469.06	481.19	41.6	41.4	39.9	11.31	11.33	12.06
Transportation equipment	625.14	621.03	591.41	45.3	45.1	44.5	13.80	13.77	13.29
Motor vehicles and equipment	625.59	621.48	592.30	45.3	45.1	44.5	13.81	13.78	13.31
Nondurable Goods[e]	401.63	403.85	408.12	42.1	42.2	41.1	9.54	9.57	9.93
Food and kindred products	428.69	444.98	419.67	41.3	41.9	41.8	10.38	10.62	10.04
Rubber and misc. plastics products	342.40	341.65	341.54	42.8	42.6	41.1	8.00	8.02	8.31
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	637.70	671.60	656.88	38.3	40.0	39.1	16.65	16.79	16.80
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	500.60	511.70	465.47	40.6	41.2	40.3	12.33	12.42	11.55
WHOLESALE TRADE	338.57	332.64	340.95	38.3	37.8	38.7	8.84	8.80	8.81
RETAIL TRADE[f]	162.11	160.73	161.80	29.0	28.6	29.1	5.59	5.62	5.56
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
State government (includes education)	......	......	......	....	....	....	....	....	....
Local government	......	......	......	....	....	....	....	....	....
Local government, except education	......	......	......	....	....	....	....	....	....
Local government education	......	......	......	....	....	....	....	....	....

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[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Toledo area is defined as Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; furniture and fixtures; electric and electronic equipment; instruments and related products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN YOUNGSTOWN-WARREN METROPOLITAN AREA[a]

MAY 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	May 1984[b]	April 1984[c]	May 1983[c]	April 1984	May 1983
TOTAL	182.4	181.0	178.7	.8	2.1
MANUFACTURING	55.6	55.8	52.9	-.3	5.2
Durable Goods[e]	50.4	50.6	48.0	-.3	5.0
Stone, clay, and glass products	1.8	1.8	1.6	-1.5	13.0
Primary metal industries	23.3	23.4	22.1	-.5	5.6
Blast furnace and basic steel products	9.4	9.4	9.0	-.3	4.4
Fabricated metal products	8.6	8.6	7.5	-.2	13.7
Fabricated structural metal products	1.9	2.0	1.8	-.9	6.2
Machinery, except electrical	3.7	3.7	3.8	.5	-3.9
Metalworking machinery	1.5	1.5	1.9	.1	-20.2
Electric and electronic equipment	2.7	2.7	2.6	1.7	4.7
Transportation equipment	8.8	8.8	8.8	.2	-.2
Nondurable Goods[f]	5.2	5.2	4.9	.4	6.3
NONMANUFACTURING[g]	126.8	125.2	125.9	1.3	.8
CONSTRUCTION	5.0	4.7	4.8	6.5	3.5
TRANSPORTATION AND PUBLIC UTILITIES	7.4	7.3	7.6	.7	-2.8
Communication, electric, gas services	3.1	3.1	3.3	-.8	-6.6
WHOLESALE TRADE	7.8	7.8	7.6	-.3	2.0
RETAIL TRADE	33.8	33.2	34.2	1.8	-1.1
FINANCE, INSURANCE, AND REAL ESTATE	7.3	7.2	7.2	.5	1.4
SERVICES	40.3	39.9	39.2	1.0	2.7
GOVERNMENT	24.8	24.5	24.6	1.1	.5
Local government (includes education)	19.1	19.1	18.7	-.1	1.8

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Youngstown-Warren area is defined as Mahoning and Trumbull Counties. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; instruments and related products; miscellaneous manufacturing. [f] Includes food and kindred products; tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and misc. plastics products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN YOUNGSTOWN-WARREN METROPOLITAN AREA[a]
MAY 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	May 1984[b]	April 1984[c]	May 1983[c]	May 1984[b]	Apr. 1984[c]	May 1983[c]	May 1984[b]	Apr. 1984[c]	May 1983[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$556.84	$560.28	$527.88	43.3	43.5	42.4	$12.86	$12.88	$12.45
Durable Goods[d]	573.78	577.28	543.56	43.6	43.8	42.8	13.16	13.18	12.70
Stone, clay, and glass products	361.52	360.84	365.63	38.5	38.8	39.4	9.39	9.30	9.28
Primary metal industries	556.49	561.91	502.20	41.1	41.5	38.9	13.54	13.54	12.91
Blast furnace and basic steel products	522.59	543.05	474.66	39.5	40.8	36.4	13.23	13.31	13.04
Fabricated metal products	667.87	681.12	565.90	47.0	47.3	43.1	14.21	14.40	13.13
Fabricated structural metal products	458.55	399.59	433.13	43.3	39.8	40.9	10.59	10.04	10.59
Machinery, except electrical	466.09	458.10	450.43	40.6	39.8	38.4	11.48	11.51	11.73
Metalworking machinery	472.49	459.20	459.36	42.3	41.0	39.6	11.17	11.20	11.60
Electric and electronic equipment	448.36	442.64	387.69	44.0	43.1	40.3	10.19	10.27	9.62
Transportation equipment	667.51	668.89	751.03	48.3	48.4	54.7	13.82	13.82	13.73
Nondurable Goods[e]	367.64	357.06	352.42	40.4	40.3	38.6	9.10	8.86	9.13
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	558.19	569.02	554.24	34.8	35.9	36.9	16.04	15.85	15.02
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	487.22	480.80	437.89	40.5	39.9	39.7	12.03	12.05	11.03
WHOLESALE TRADE	343.31	338.68	301.25	36.6	36.3	35.4	9.38	9.33	8.51
RETAIL TRADE[f]	170.50	169.93	161.48	29.6	29.4	29.2	5.76	5.78	5.53
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
Local government (includes education)	......	......	......	....	....	....	....	....	....

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Youngstown-Warren area is defined as Mahoning and Trumbull Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; furniture and fixtures; instruments and related products; miscellaneous manufacturing. [e] Includes food and kindred products; tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and misc. plastics products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

Labor Market Information Division
Ohio Bureau of Employment Services
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NOTES ON OHIO EMPLOYMENT, HOURS, AND EARNINGS ESTIMATES

Civilian Labor Force Estimates

Civilian Labor Force.—Estimated number of workers 16 years age and over, employed or unemployed during week including 12th of month, distributed by place of residence.

Total Employed.—Includes nonagricultural wage and salary workers, the self-employed, unpaid family workers, domestics, agricultural workers, and persons involved in labor disputes. Estimates of self-employed, domestics, and unpaid family workers based on data from U.S. Department of Labor and Bureau of the Census. Agricultural worker estimates derived from information supplied by U.S. Department of Agriculture. Estimates of workers involved in labor disputes based in part upon data from Federal Mediation and Conciliation Service. Employment distributed by place of residence.

Total Unemployed.—Estimated number of persons, by place of residence, who did not work during reference week and were looking for work, whether or not eligible for unemployment compensation. Includes those who did not work and were waiting to be called back to an old job or to report to a new job.

Nonagricultural Wage and Salary Employment

Collection.—Nonagricultural wage and salary employment as well as hours and earnings estimates based on monthly reports from sample of employers. Under cooperative arrangement with U.S. Bureau of Labor Statistics, Division of Research and Statistics of Ohio Bureau of Employment Services mails, edits, and processes Ohio reports, which are subsequently incorporated in national data.

Industrial Classification.—Employer establishments classified by industry on basis of their principal product or service. The Standard Industrial Classification Manual (U.S. Office of Management and Budget, Washington, D. C., 1972, amended 1977) used for classification.

Coverage.—Monthly reports on employment and (for most industries) payroll and hours obtained from approximately 8,000 Ohio employers.

Coverage of Ohio Nonagricultural Employment Sample

Industry Division	Approximate Percentage Covered by Sample
Total	43
Manufacturing	62
Nonmanufacturing	35
Mining	63
Construction	24
Transportation and Public Utilities	47
Wholesale Trade	19
Retail Trade	18
Finance, Insurance, and Real Estate	47
Services and Miscellaneous	21
Government	68

Nonagricultural Employment.—Persons who worked during, or received pay for, any part of pay periods which include 12th of month, distributed by place of employment. Includes persons on paid sick leave, paid holiday, or paid vacation. Excluded are persons laid off, on strike, or on unpaid vacation during entire reporting period. Proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers also excluded. Government employment covers only civilian employees. Full-time teachers considered employed during the summer vacation period, whether or not paid in those months.

Estimating Method.—Total employment is estimated from the employment of establishments reporting for two consecutive months, as follows:

$$\underset{\text{(current month)}}{\text{Total Employment}} = \underset{\text{(previous month)}}{\text{Total Employment}} \times \frac{\text{Sample Employment (current month)}}{\text{Sample Employment (previous month)}}$$

Benchmark Data.—Employment estimates compared annually with complete count of employment, by industry. Where revisions necessary, monthly estimates adjusted to new benchmark. Following revisions to new benchmark, industry data projected forward to current month by use of sample trends. Basic source of benchmark information is tabulations of employment data, by industry and area, compiled from contribution reports of employers covered under Ohio Unemployment Compensation Law.

Hours and Earnings

Method of Computing Averages.—Average hours computed by dividing total production worker hours worked during one week (the seven-day periods which include 12th of month) by number of production workers reported for such week. Average hourly earnings computed by dividing total production worker payroll for one week by total production worker hours for week. Average weekly earnings derived by multiplying average hourly earnings by average weekly hours.

Definitions.—Definitions of production or similar workers, payroll, and hours—from which average hours and earnings data are derived—follow:

Production Workers.—Includes working supervisors and all nonsupervisory workers (including group leaders and trainees) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping, maintenance, repair, janitorial and guard services, product development, auxiliary production for plant's own use (such as power plant), and record keeping and other services closely associated with production operations.

Nonsupervisory Workers.—Includes employees (not above working supervisory level) such as office and clerical workers, repairers, salespersons, operators, drivers, attendants, service employees, line installers, laborers, accountants, janitors, guards, and other employees whose services are closely associated with those of occupations listed.

Payroll.—Represents payroll for full- and part-time production, construction, or nonsupervisory workers who received pay for any part of pay periods which include 12th of month. Payroll is reported before deductions for social security, group insurance, withholding tax, bonds, and union dues; also includes pay for overtime, holidays, vacations, and sick leave paid directly by the firm. Bonuses (unless earned and paid regularly each pay period), tips, pay not earned in pay period reported (such as retroactive pay), and value of free rent, fuel, meals, or other payments in kind, excluded.

Hours.—Represents hours worked or paid for, during pay periods which include 12th of month, for production, construction, or nonsupervisory workers. Hours include time paid for holidays and vacations, and for sick leave when pay received directly from firm.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

Ohio Labor Market Information
BUREAU OF EMPLOYMENT SERVICES
JOB SERVICE OF OHIO
RICHARD F. CELESTE, *Governor*
DR. ROBERTA STEINBACHER, *Administrator*

7/31/84 56270-1 A -

EMPLOYMENT, HOURS, AND EARNINGS IN OHIO
JUNE 1984

Summary: The seasonally adjusted unemployment rate for Ohio dropped from 10.2 percent in May to 9.0 percent in June. The unadjusted rate was also 9.0 percent, down from 9.7 percent in May, as actual unemployment fell by 24,000, to 469,000 in June. Total employment rose 2.7 percent, to 4,715,000. Nonfarm wage and salary employment increased by .4 percent, to 4,216,900 in June. The increment was due largely to seasonal gains in nonmanufacturing industries. Factory hours and earnings averages were up slightly as overtime rose in June.

Factory Employment: Manufacturing employment in Ohio was 1,120,700 in June, up .3 percent from May. Much of the increase occurred in primary metals, due to settlement of a labor-management dispute. Recalls raised employment levels in fabricated metals and lumber and wood products. Increased business in food processing, especially in beverages, accounted for much of the improvement in nondurable goods. Employment declined in nonelectrical machinery, due to layoffs and a labor-management dispute. Employment was also down slightly in printing and publishing, and in rubber and plastics products.

Nonmanufacturing: Ohio nonmanufacturing establishments employed 3,096,200 workers in June, a .5 percent improvement over May. Hiring in business and health services, and seasonal expansion in construction and retail trade accounted for the increase. Nonfaculty personnel were laid off at the end of the school year, resulting in a sharp overall decline in government employment, despite hiring for summer programs in nonschool units.

Factory Hours and Earnings: Average weekly earnings of Ohio's production workers were up $1.52 from May, to $461.25 in June. The average workweek, at 42.2 hours, was up .1 hours. Sizable increases in hours and earnings were reported in motor vehicles, pottery and related products, special industry machinery, and basic steel, as manufacturers required more overtime at premium pay. Hours and earnings were reduced in electric and electronic equipment and fabricated metal products, as overtime was cut back in these industries.

Over the Year: The unadjusted unemployment rate for Ohio, at 9.0 percent of the civilian labor force, was well below the 12.8 percent rate of June 1983. This represents a drop of 201,000 in the number of jobless workers since June 1983. Total employment increased by 2.9 percent, as nonfarm payroll employment rose 2.4 percent. Manufacturing industries contributed most to this improvement, with greatest gains reported in fabricated metals, transportation equipment, primary metals, rubber and plastics products, and nonelectrical machinery. Significant growth in service establishments accounted for most of the change in nonmanufacturing, although retail trade also showed a noteworthy increase. Production workers in Ohio factories earned $23 more per week in June 1984 than one year earlier. The average workweek was .7 hours longer.

For additional information, write DIXIE SOMMERS, *Director*
Labor Market Information Division, BUREAU OF EMPLOYMENT SERVICES, COLUMBUS 43216

EMPLOYMENT, HOURS, AND EARNINGS IN MAJOR METROPOLITAN AREAS

Akron. --Nonagricultural wage and salary employment in Akron declined to 249,700 in June, 3,400 below the May level. The loss occurred in nonmanufacturing, as release of nonfaculty school personnel more than offset seasonal expansion in services, construction, and retailing. Manufacturing gained 300 during the month, to 67,800. Factory production workers averaged $10.85 per hour for a 43.7 hour workweek, up 3¢ and .3 hours from May.

Canton. --Wage and salary employment in Canton area nonagricultural industries rose 700 from May, to 148,500. Nonmanufacturing establishments in retail trade, construction, and transportation and public utilities accounted for the overall gain. Manufacturing declined fractionally for the month, to 45,200. Gross earnings for manufacturing production workers were $11.07 per hour in June, up 3¢ from May. The average workweek was down .2 hours, to 40.4.

Cincinnati. --Cincinnati's nonfarm payroll employment was up 4,600 in June, to 594,600. Nonmanufacturing expanded seasonally, with increases in services, retail trade, and construction. Manufacturing employment advanced 800 for the month, to 145,800. Production workers in factories earned $10.48 per hour for a workweek of 41.8 hours, down 2¢ but up .2 hours from May.

Cleveland. --Wage and salary employment in Cleveland's nonagricultural industries rose 7,400 from May, to 838,500 in June. Manufacturing employment rose 800 for the month, to 211,700, due largely to gains in fabricated metals and nonelectrical machinery. Seasonal increases in retail trade, services, and local government accounted for much of the increase in nonmanufacturing. Production workers in factories earned $10.86 per hour for a workweek of 42.2 hours, up 3¢ and .2 hours from May averages.

Columbus. --Nonfarm establishments in Columbus employed 521,800 wage and salary workers in June. Manufacturing expanded by 900 workers to 88,100 in June. Among nonmanufacturers, seasonal advances in services, construction, and retail trade more than offset losses in state and local government education. Production workers in factories grossed $10.29 per hour, little changed from May. Their workweek was .3 hours longer, at 40.8 hours.

Dayton. --Nonagricultural wage and salary employment in the Dayton area totaled 346,700 in June, 2,300 above the May level. Seasonal growth in services and construction was responsible for most of the gain. Total factory employment rose 200 from May, to 91,400 in June. Manufacturing production workers averaged $11.07 per hour, up 4¢ from May. Their average workweek of 41.9 hours was down .4 hours from the previous month.

Toledo. --Wage and salary employment in Toledo's nonagricultural industries dropped to 291,200 in June, down 3,100 from May. Release of nonfaculty workers in state and local government education contributed most to the change. Manufacturing employment also lost ground, down 400, to 75,300 in June. Factory production workers earned $11.57 per hour in June, virtually unchanged from May. The workweek was .4 hours shorter, down from 43.7 hours in May.

Youngstown-Warren. --Nonfarm payroll employment in Youngstown-Warren declined to 182,400 in June, down 700 from the May level. Losses of nonfaculty school personnel at the end of the school year more than offset gains in other nonmanufacturing industries. Total factory employment, at 55,500, was down 300 from the previous month. Manufacturing production workers averaged 4¢ per hour more in June, as hourly earnings rose to $12.90. The workweek was reduced to 43.0 hours, down .3 hours from May.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 7-19-84

EMPLOYMENT IN MAJOR METROPOLITAN AREAS[a]

Year and Month	Akron[b]	Canton[c]	Cincinnati[d]	Cleveland[e]	Columbus[f]	Dayton[g]	Toledo[h]	Youngstown-Warren[j]
NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT (in thousandr)								
1973	255.1	147.9	534.5	865.2	451.0	335.6	285.8	211.6
1974	259.0	152.1	542.2	879.2	457.6	334.9	285.6	213.5
1975	248.4	145.0	531.2	850.6	445.4	321.4	275.5	200.7
1976	247.3	145.9	541.9	860.0	456.1	331.5	282.6	203.5
1977	259.3	149.8	562.1	880.9	471.6	343.1	292.1	208.0
1978	266.6	156.1	591.2	905.8	493.8	358.5	302.1	210.3
1979	270.9	160.7	607.4	919.8	507.3	364.9	306.0	213.9
1980	262.4	157.1	600.6	895.6	509.8	355.7	293.1	203.1
1981	259.6	156.6	592.2	880.7	506.6	352.5	290.9	198.7
1982	248.8	148.6	575.3	844.6	495.1	336.3	281.9	180.6
1983	245.0	143.6	573.7	826.0	500.0	335.4	281.0	177.6
1983								
June	242.9	144.9	578.8	838.5	503.8	337.4	281.1	179.4
July	245.4	144.5	573.0	832.8	498.0	331.4	277.6	178.9
August ..	244.3	143.9	571.8	825.5	496.3	331.4	277.5	177.3
September	251.3	146.1	580.8	834.9	504.9	340.7	287.3	182.3
October .	250.3	145.9	584.0	835.5	512.6	342.1	289.6	181.3
November.	251.4	146.7	585.5	835.7	514.7	343.9	291.1	182.0
December.	250.9	146.7	583.8	837.9	515.7	344.3	291.1	182.0
1984								
January .	243.2	143.3	573.1	819.0	503.8	339.3	284.3	178.4
February.	245.4	143.8	572.2	817.5	505.9	339.8	286.4	178.4
March ...	246.4	145.0	576.7	821.2	509.1	341.2	288.2	179.0
April ...	249.7	146.8	584.2	825.8	514.0	343.8	291.5	181.0
May	253.2	147.8	590.0	831.1	516.7	344.5	294.3	183.1
June	249.7	148.5	594.6	838.5	521.8	346.7	291.2	182.4
MANUFACTURING EMPLOYMENT (in thousands)								
1973	94.0	61.7	165.5	288.1	106.0	117.7	93.4	93.0
1974	94.2	62.2	166.6	287.1	104.3	113.1	89.8	92.0
1975	84.5	55.3	153.9	260.3	93.1	100.1	80.7	80.8
1976	80.3	54.8	155.6	265.1	94.2	104.0	84.8	80.6
1977	85.6	56.0	161.1	270.8	98.9	109.2	88.2	81.1
1978	85.9	57.1	169.2	275.6	101.2	112.0	90.5	79.4
1979	85.6	59.1	173.1	276.3	101.1	109.5	88.6	79.9
1980	79.1	55.7	162.4	254.9	96.8	99.4	75.4	70.8
1981	75.7	54.8	157.3	246.8	93.1	97.8	74.6	67.3
1982	68.3	47.6	146.3	223.0	85.9	87.6	69.0	52.9
1983	65.1	43.6	140.7	207.6	84.0	86.2	69.1	53.0
1983								
June	65.0	44.4	140.5	207.8	83.5	86.0	68.8	53.3
July	65.5	44.3	140.0	206.2	83.5	85.2	68.9	53.9
August ..	65.6	44.1	141.8	206.5	84.3	86.1	70.0	53.1
September	66.0	44.6	141.4	209.9	85.3	88.6	72.7	55.2
October .	66.1	44.2	144.2	210.9	86.6	88.7	73.2	54.9
November.	66.4	44.8	144.8	211.6	86.8	89.8	73.9	55.2
December.	66.2	44.9	141.7	212.1	86.2	90.2	74.0	55.6
1984								
January .	66.1	44.7	143.2	211.6	86.2	90.4	74.6	55.8
February.	66.5	44.9	143.3	211.2	87.0	90.9	75.5	55.6
March ...	66.7	45.5	144.1	211.6	87.0	91.1	75.7	55.4
April ...	67.0	45.4	144.6	210.6	87.4	91.4	75.8	55.8
May	67.5	45.3	145.0	210.9	87.2	91.2	75.7	55.8
June	67.8	45.2	145.8	211.7	88.1	91.4	75.3	55.5

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. [b] Akron includes Portage and Summit Counties. [c] Canton includes Carroll and Stark Counties. [d] Cincinnati includes Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. [e] Cleveland includes Cuyahoga, Geauga, Lake, and Medina Counties. [f] Columbus includes Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. [g] Dayton includes Greene, Miami, Montgomery, and Preble Counties. [h] Toledo includes Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. [j] Youngstown-Warren includes Mahoning and Trumbull Counties.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

MANUFACTURING PRODUCTION WORKERS AND AVERAGE WEEKLY HOURS IN MAJOR METROPOLITAN AREAS[a]

Year and Month	Akron[b]	Canton[c]	Cincinnati[d]	Cleveland[e]	Columbus[f]	Dayton[g]	Toledo[h]	Youngstown-Warren[j]
	MANUFACTURING PRODUCTION WORKERS (in thousands)							
1973	55.5	46.3	115.2	200.4	74.1	85.0	66.5	75.6
1974	56.1	46.9	115.3	199.5	71.2	79.5	63.1	74.2
1975	48.4	40.5	106.3	176.0	64.2	70.9	55.1	63.3
1976	44.5	40.4	107.8	180.9	65.4	73.4	59.3	63.3
1977	49.2	41.1	110.7	184.0	68.6	75.7	62.8	63.6
1978	49.4	42.2	116.4	188.0	70.1	77.5	64.1	62.5
1979	53.8	43.2	117.0	188.6	69.1	74.4	61.7	62.5
1980	47.5	40.1	106.6	169.2	64.6	65.5	49.6	54.1
1981	43.7	39.6	103.5	161.8	61.3	64.4	49.2	50.8
1982	36.9	33.3	95.5	141.8	55.1	55.6	45.2	38.1
1983	35.6	30.8	92.2	132.1	54.2	54.9	47.2	39.3
1983								
June	35.4	31.4	91.7	132.2	53.9	54.7	46.9	39.5
July	35.8	31.3	91.4	130.4	53.8	53.7	47.0	40.2
August ..	36.1	31.2	93.4	131.2	54.5	54.4	48.3	39.4
September	36.4	31.6	93.1	134.8	55.5	57.0	50.9	41.7
October .	36.5	31.4	95.9	135.8	56.7	57.4	51.6	41.5
November.	37.0	31.9	96.8	136.7	56.8	58.3	52.5	41.8
December.	36.8	32.1	93.8	137.0	56.6	58.7	52.7	42.2
1984								
January .	36.8	31.7	95.4	136.5	56.8	58.8	53.3	42.3
February.	37.1	31.8	95.5	136.3	57.4	59.3	54.2	42.2
March ...	37.1	32.4	96.3	136.7	57.3	59.3	54.4	42.1
April ...	37.4	32.4	96.5	135.6	57.7	59.7	54.6	42.4
May	37.7	32.3	96.5	135.7	57.5	59.4	54.5	42.4
June	37.8	32.2	97.2	136.5	58.2	59.3	54.1	42.0
	MANUFACTURING PRODUCTION WORKERS' AVERAGE WEEKLY HOURS							
1973	43.0	41.0	42.2	43.2	40.8	43.3	43.1	42.9
1974	42.3	40.1	41.4	42.1	39.7	41.0	41.2	40.7
1975	41.1	39.4	40.8	40.4	39.6	41.3	40.4	38.6
1976	42.1	39.6	41.1	41.9	40.1	43.2	41.5	39.5
1977	42.3	39.7	41.6	42.8	40.3	43.5	42.7	40.4
1978	42.3	40.3	42.1	42.9	40.4	42.8	42.4	41.4
1979	41.6	40.9	41.5	42.2	40.1	42.1	40.9	40.7
1980	41.5	39.0	41.2	40.6	39.5	41.5	40.6	39.9
1981	41.8	40.0	41.1	41.1	40.0	41.4	40.9	40.8
1982	41.0	38.6	40.5	39.9	39.8	40.0	41.1	39.3
1983	43.1	39.6	41.1	40.9	40.7	41.9	42.9	42.1
1983								
June	42.3	39.8	41.3	41.3	40.8	42.0	42.2	41.4
July	42.4	38.8	40.9	40.6	40.5	42.1	41.9	42.7
August ..	42.9	39.2	40.8	41.0	40.5	42.1	42.6	41.3
September	43.5	40.8	41.3	41.7	40.8	43.0	43.9	42.4
October .	43.2	40.2	41.3	41.5	41.0	42.7	43.9	43.9
November.	44.0	40.7	42.0	41.8	41.6	42.8	44.5	43.6
December.	45.5	40.8	42.4	42.3	42.3	43.9	44.5	43.2
1984								
January .	43.9	40.4	41.7	41.9	41.2	43.2	43.1	44.7
February.	43.9	41.0	41.5	42.2	40.4	42.8	43.5	43.8
March ...	43.7	40.8	41.8	42.3	40.4	42.8	43.8	44.9
April ...	43.8	40.5	42.1	42.3	40.5	43.0	43.7	43.5
May	43.4	40.6	41.6	42.0	40.5	42.3	43.7	43.3
June	43.7	40.4	41.8	42.2	40.8	41.9	43.3	43.0

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. [b] Akron includes Portage and Summit Counties. [c] Canton includes Carroll and Stark Counties. [d] Cincinnati includes Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. [e] Cleveland includes Cuyahoga, Geauga, Lake, and Medina Counties. [f] Columbus includes Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. [g] Dayton includes Greene, Miami, Montgomery, and Preble Counties. [h] Toledo includes Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. [j] Youngstown-Warren includes Mahoning and Trumbull Counties. [k] Not comparable to prior data due to change in sample composition.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

EARNINGS IN MAJOR METROPOLITAN AREAS[a]

Year and Month	Akron[b]	Canton[c]	Cincinnati[d]	Cleveland[e]	Columbus[f]	Dayton[g]	Toledo[h]	Youngstown-Warren[j]
	MANUFACTURING PRODUCTION WORKERS' AVERAGE HOURLY EARNINGS							
1973	$ 4.99	$ 4.80	$ 4.44	$ 4.83	$ 4.36	$ 5.00	$ 5.01	$ 5.29
1974	5.28	5.24	4.82	5.21	4.73	5.29	5.39	5.80
1975	5.66	5.64	5.19	5.63	5.18	5.73	5.80	6.39
1976	6.02	6.18	5.65	6.22	5.64	6.28	6.32	7.02
1977	6.75	6.88	6.27	6.84	6.08	6.92	7.00	7.76
1978	7.19	7.56	6.81	7.50	6.55	7.38	7.53	8.54
1979	7.73	8.09	7.31	8.00	7.05	8.00	8.14	9.27
1980	8.72	8.79	8.06	8.63	7.73	8.65	8.90	10.27
1981	9.50	9.76	8.78	9.62	8.67	9.61	9.93	11.62
1982	9.83	10.22	9.57	10.10	9.31	10.02	10.89	11.72
1983	10.49	10.66	10.11	10.45	9.97	10.61	11.28	12.38
1983								
June	10.34	10.63	10.11	10.49	10.01	10.56	11.14	12.33
July	10.35	10.59	10.12	10.43	10.04	10.72	11.16	12.54
August ..	10.40	10.75	10.18	10.42	9.95	10.58	11.25	12.25
September	10.61	10.84	10.10	10.57	10.06	10.80	11.40	12.40
October .	10.82	10.78	10.23	10.55	10.11	10.86	11.43	12.58
November.	10.85	10.84	10.34	10.62	10.14	10.91	11.57	12.54
December.	11.01	10.88	10.29	10.68	10.35	11.11	11.57	12.68
1984								
January .	10.77	10.35	10.39	10.70	10.33	11.07	11.42	12.89
February.	10.75	10.91	10.37	10.76	10.23	11.04	11.48	12.66
March ...	10.79	10.89	10.45	10.81	10.20	11.12	11.58	13.09
April ...	10.76	10.90	10.58	10.82	10.22	11.12	11.58	12.88
May	10.82	11.04	10.50	10.83	10.30	11.03	11.57	12.86
June	10.85	11.07	10.48	10.86	10.29	11.07	11.57	12.90
	MANUFACTURING PRODUCTION WORKERS' AVERAGE WEEKLY EARNINGS							
1973	$214.57	$196.80	$187.37	$208.66	$177.89	$216.50	$215.93	$226.94
1974	223.34	210.12	199.55	219.34	187.78	216.89	222.07	236.06
1975	232.63	222.22	211.75	227.45	205.13	236.65	234.32	246.65
1976	253.44	244.73	232.22	260.62	226.16	271.30	262.28	277.29
1977	285.53	273.14	260.83	292.75	245.02	301.02	298.90	313.50
1978	304.14	304.67	286.70	321.75	264.62	315.86	319.27	353.56
1979	321.57	330.88	303.37	337.60	282.71	336.80	332.93	377.29
1980	361.88	342.81	352.07	350.38	305.34	358.98	361.34	409.77
1981	397.10	390.40	360.86	395.38	346.80	397.85	406.14	474.10
1982	403.03	394.49	387.59	402.99	370.54	400.80	447.58	460.60
1983	452.12	422.14	415.52	427.41	405.78	444.56	483.91	521.20
1983								
June	437.38	423.07	417.54	433.24	408.41	443.52	470.11	510.46
July	438.84	410.89	413.91	423.46	406.62	451.31	467.60	535.46
August ..	446.16	421.40	415.34	427.22	402.98	445.42	479.25	505.93
September	461.54	442.27	417.13	440.77	410.45	464.40	500.46	525.76
October .	467.42	433.36	422.50	437.83	414.51	463.72	501.78	552.26
November.	477.40	441.19	434.28	443.92	421.82	466.95	514.87	546.74
December.	500.96	443.90	436.30	451.76	437.81	487.73	514.87	547.78
1984								
January .	472.80	438.34	433.26	448.33	425.60	478.22	492.20	576.18
February.	471.93	447.31	430.36	454.07	413.29	472.51	499.38	554.51
March ...	471.52	444.31	436.81	457.26	412.08	475.94	507.20	587.74
April ...	471.29	441.45	445.42	457.69	413.91	478.16	506.05	560.28
May	469.59	448.22	436.80	454.86	417.15	466.57	505.61	556.84
June	474.15	447.23	438.06	458.29	419.83	463.83	500.98	554.70

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. [b] Akron includes Portage and Summit Counties. [c] Canton includes Carroll and Stark Counties. [d] Cincinnati includes Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. [e] Cleveland includes Cuyahoga, Geauga, Lake, and Medina Counties. [f] Columbus includes Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. [g] Dayton includes Greene, Miami, Montgomery, and Preble Counties. [h] Toledo includes Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. [j] Youngstown-Warren includes Mahoning and Trumbull Counties.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

CIVILIAN LABOR FORCE ESTIMATES FOR MAJOR METROPOLITAN AREAS[a]

(In thousands)

Year and Month	Civilian Labor Force	Total Employed	Unemployed		Year and Month	Civilian Labor Force	Total Employed	Unemployed	
			Total Unemployed	Unemployment Rate				Total Unemployed	Unemployment Rate
		AKRON[b]					CANTON[c]		
1973	287.1	274.9	12.2	4.3	1973	171.2	163.1	8.1	4.7
1974	290.8	277.7	13.0	4.5	1974	175.6	167.5	8.1	4.6
1975	292.0	264.3	27.7	9.5	1975	174.7	158.0	16.7	9.6
1976	291.3	266.3	25.0	8.6	1976	174.4	158.6	15.8	9.1
1977	294.2	274.7	19.5	6.6	1977	175.9	163.1	12.9	7.3
1978	298.9	282.2	16.7	5.6	1978	179.9	170.0	9.9	5.5
1979	303.8	285.4	18.4	6.1	1979	184.3	173.7	10.6	5.7
1980	304.5	278.3	26.2	8.6	1980	187.7	170.9	16.8	8.9
1981	304.1	274.9	29.1	9.6	1981	188.4	170.1	18.2	9.7
1982	303.9	268.0	35.9	11.8	1982	191.4	164.3	27.0	14.1
1983	304.4	267.0	37.4	12.3	1983	188.4	160.7	27.6	14.7
1983					1983				
May	307.6	267.7	40.0	13.0	May	191.0	160.7	30.3	15.8
June	307.6	268.8	38.8	12.6	June	192.7	163.9	28.7	14.9
July	313.6	279.8	33.8	10.8	July	193.1	168.9	24.2	12.5
August	309.1	276.9	32.2	10.4	August	191.0	167.0	24.0	12.6
September	305.1	271.4	33.7	11.1	September	186.6	162.2	24.3	13.0
October	308.4	274.5	33.8	11.0	October	189.2	164.6	24.6	13.0
November	309.7	274.2	35.5	11.5	November	189.5	164.4	25.1	13.2
December	304.9	270.4	34.6	11.3	December	186.0	162.4	23.6	12.7
1984					1984				
January	297.5	264.3	33.2	11.2	January	182.3	159.8	22.5	12.3
February	298.6	263.8	34.8	11.6	February	180.7	158.9	21.9	12.1
March	297.9	262.4	35.5	11.9	March	181.7	158.7	23.0	12.6
April	300.3	268.4	31.9	10.6	April	182.6	162.1	20.5	11.2
May[p]	307.0	275.8	31.2	10.2	May[p]	186.4	165.5	20.9	11.2
		CINCINNATI[d]					CLEVELAND[e]		
1973	572.0	543.0	29.0	5.1	1973	883.9	849.0	34.9	3.9
1974	595.3	569.8	25.5	4.3	1974	899.1	861.4	37.7	4.2
1975	595.3	551.6	43.6	7.3	1975	896.9	826.3	70.6	7.9
1976	604.8	566.6	38.2	6.3	1976	897.7	834.4	63.3	7.0
1977	623.4	588.7	34.7	5.6	1977	908.5	854.4	54.0	5.9
1978	648.3	615.8	32.5	5.0	1978	921.7	878.5	43.2	4.7
1979	663.4	628.1	35.3	5.3	1979	935.8	889.1	46.7	5.0
1980	676.2	628.6	47.5	7.0	1980	937.1	869.1	68.0	7.3
1981	670.5	619.3	59.1	8.7	1981	933.9	854.0	79.8	8.5
1982	682.0	610.4	71.6	10.5	1982	933.4	833.2	100.2	10.7
1983	686.5	615.4	71.1	10.4	1983	930.7	824.7	105.9	11.4
1983					1983				
May	692.0	616.1	75.9	11.0	May	935.9	822.2	113.8	12.2
June	703.1	627.2	76.0	10.8	June	962.0	845.0	117.0	12.2
July	703.4	637.1	66.2	9.4	July	966.5	867.1	99.3	10.3
August	696.4	632.8	63.6	9.1	August	955.0	857.0	98.0	10.3
September	685.5	619.2	66.4	9.7	September	925.8	826.4	99.4	10.7
October	691.5	630.0	61.5	8.9	October	936.6	840.1	96.6	10.3
November	693.2	629.0	64.2	9.3	November	935.3	836.6	98.7	10.6
December	684.3	622.5	61.9	9.0	December	917.5	828.3	89.3	9.7
1984					1984				
January	679.0	616.0	62.9	9.3	January	899.5	815.9	83.7	9.3
February	670.2	611.3	58.9	8.8	February	887.4	806.6	80.8	9.1
March	672.1	612.2	59.9	8.9	March	890.2	802.3	87.9	9.9
April	683.0	624.9	58.1	8.5	April	896.6	813.7	83.0	9.3
May[p]	695.2	635.0	60.1	8.7	May[p]	915.3	828.7	86.6	9.5

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[a] Estimated in cooperation with U.S. Department of Labor. Data not seasonally adjusted. Subtotals may not add to totals due to rounding. Rates computed from unrounded figures. [b] Defined as Portage and Summit Counties. [c] Defined as Carroll and Stark Counties. [d] Defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; and Boone, Campbell, and Kenton Counties, Kentucky. [e] Defined as Cuyahoga, Geauga, Lake, and Madina Counties. [p] Preliminary.

CIVILIAN LABOR FORCE ESTIMATES FOR MAJOR METROPOLITAN AREAS[a]
(In thousands)

Year and Month	Civilian Labor Force	Total Employed	Unemployed: Total Unemployed	Unemployed: Unemployment Rate
COLUMBUS[f]				
1973	485.5	468.3	17.1	3.5
1974	495.4	475.5	19.9	4.0
1975	495.0	458.6	36.5	7.4
1976	503.6	468.5	35.1	7.0
1977	513.4	483.3	30.1	5.9
1978	531.4	506.5	24.9	4.7
1979	543.0	517.1	25.8	4.8
1980	554.7	523.4	31.4	5.7
1981	562.4	519.1	43.3	7.7
1982	567.4	516.4	51.0	9.0
1983	579.1	527.4	51.7	8.9
1983				
May	580.0	526.2	53.7	9.3
June	594.3	537.2	57.1	9.6
July	599.8	549.2	50.7	8.4
August	591.8	544.6	47.2	8.0
September ..	577.9	528.9	49.0	8.5
October	594.3	545.1	49.2	8.3
November ...	594.7	544.2	50.5	8.5
December ...	585.3	537.9	47.4	8.1
1984				
January	575.1	529.6	45.4	7.9
February ...	570.0	526.7	43.2	7.6
March	571.3	525.2	46.0	8.1
April	580.3	535.2	45.1	7.8
May[p]	593.4	546.7	46.7	7.9

Year and Month	Civilian Labor Force	Total Employed	Unemployed: Total Unemployed	Unemployed: Unemployment Rate
DAYTON[g]				
1973	358.0	343.5	14.5	4.1
1974	359.5	342.5	17.0	4.7
1975	357.6	327.7	29.9	8.4
1976	360.5	336.3	24.2	6.7
1977	368.6	348.3	20.3	5.5
1978	381.1	363.7	17.3	4.6
1979	392.2	367.9	24.2	6.2
1980	390.2	361.0	29.2	7.5
1981	390.8	357.9	32.8	8.4
1982	391.8	347.1	44.7	11.4
1983	390.6	350.7	39.9	10.2
1983				
May	391.3	349.9	41.4	10.6
June	400.1	356.8	43.2	10.8
July	400.0	362.6	37.4	9.4
August	396.5	359.4	37.1	9.3
September .	389.5	353.7	35.7	9.2
October ...	395.4	360.8	34.7	8.8
November ..	396.8	360.3	36.5	9.2
December ..	388.0	355.5	32.5	8.4
1983				
January ...	385.5	353.0	32.5	8.4
February ..	383.7	350.3	33.4	8.7
March	383.4	348.5	34.9	9.1
April	387.1	354.5	32.6	8.4
May[p]	393.5	360.7	32.8	8.3

Year and Month	Civilian Labor Force	Total Employed	Unemployed: Total Unemployed	Unemployed: Unemployment Rate
TOLEDO[h]				
1973	339.8	324.2	15.6	4.6
1974	343.8	324.2	19.7	5.7
1975	344.8	310.2	34.6	10.0
1976	347.8	319.4	28.4	8.2
1977	355.0	329.4	25.6	7.2
1978	362.1	339.7	22.4	6.2
1979	368.2	341.7	26.4	7.2
1980	368.2	329.8	38.4	10.4
1981	367.4	328.0	39.4	10.7
1982	368.7	322.7	46.1	12.5
1983	374.2	326.9	47.2	12.6
1983				
May	379.0	328.4	50.6	13.4
June	380.6	332.0	48.6	12.8
July	382.1	337.7	44.4	11.6
August	379.2	335.1	44.1	11.6
September ..	374.8	331.9	42.9	11.5
October	380.0	338.3	41.7	11.0
November ...	381.3	337.5	43.8	11.5
December ...	372.5	331.9	40.5	10.9
1984				
January	366.1	327.4	38.6	10.6
February ...	365.7	327.7	38.0	10.4
March	367.3	327.8	39.5	10.8
April[p]	372.0	335.2	36.8	9.9
May	INA	INA	INA	INA

Year and Month	Civilian Labor Force	Total Employed	Unemployed: Total Unemployed	Unemployed: Unemployment Rate
YOUNGSTOWN–WARREN[i]				
1973	232.5	221.8	10.8	4.6
1974	236.7	223.7	13.0	5.5
1975	236.7	209.8	26.9	11.4
1976	234.2	210.5	23.7	10.1
1977	234.0	215.0	19.0	8.1
1978	235.2	217.5	17.7	7.5
1979	237.1	219.9	17.1	7.2
1980	238.9	210.5	28.4	11.9
1981	234.0	205.7	28.2	12.1
1982	237.0	190.3	46.6	19.7
1983	227.3	189.6	37.8	16.6
1983				
May	230.7	190.3	40.4	17.5
June	233.8	193.5	40.3	17.2
July	233.4	199.5	33.9	14.5
August	232.6	196.2	36.4	15.6
September .	226.7	193.1	33.6	14.8
October ...	227.0	195.5	31.5	13.9
November ..	227.9	195.2	32.7	14.4
December ..	222.4	192.2	30.2	13.6
1984				
January ...	218.3	189.7	28.6	13.1
February ..	214.6	188.2	26.4	12.3
March	215.3	186.8	28.5	13.2
April	216.3	190.5	25.8	11.9
May[p]	220.7	194.7	26.0	11.8

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[a] Estimated in cooperation with U.S. Department of Labor. Data not seasonally adjusted. Subtotals may not add to totals due to rounding. Rates computed from unrounded figures. [f] Defined as Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. [g] Defined as Greene, Miami, Montgomery, and Preble Counties. [h] Defined as Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. [i] Defined as Mahoning and Trumbull Counties. [p] Preliminary. INA—Information not available.

CIVILIAN LABOR FORCE ESTIMATES[a]
(not seasonally adjusted)

Year and Month	OHIO (in thousands)			Unemployment Rate	
	Civilian Labor Force	Total Employed	Total Unemployed	OHIO	U.S.
1973	4,621	4,423	198	4.3	4.9
1974	4,708	4,483	225	4.8	5.6
1975	4,721	4,292	429	9.1	8.5
1976	4,749	4,378	370	7.8	7.7
1977	4,830	4,518	312	6.5	7.1
1978	4,956	4,688	268	5.4	6.1
1979	5,056	4,758	298	5.9	5.8
1980	5,088	4,661	427	8.4	7.1
1981	[illegible]	[illegible]	492	9.6	7.6
1982	5,114	4,474	640	12.5	9.7
1983	5,110	4,488	622	12.2	9.6
1983					
June	5,253	4,583	670	12.8	10.2
July	5,287	4,710	577	10.9	9.4
August ..	5,229	4,666	563	10.8	9.2
September	5,108	4,541	567	11.1	8.8
October .	5,159	4,611	548	10.6	8.4
November.	5,146	4,582	564	11.0	8.1
December.	5,040	4,513	528	10.5	8.0
1984					
January .	4,964	4,452	512	10.3	8.8
February.	4,925	4,426	499	10.1	8.4
March ...	4,940	4,415	525	10.6	8.1
April ...	4,996	4,506	489	9.8	7.6
May	5,086	4,593	493	9.7	7.2
June	5,183	4,715	469	9.0	7.4

OHIO NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT[a]
(in thousands)

Year and Month	Total Nonagricultural	Manufacturing	Nonmanufacturing
1973	4,112.9	1,426.3	2,686.5
1974	4,169.4	1,416.6	2,752.8
1975	4,016.2	1,267.5	2,748.7
1976	4,094.5	1,295.3	2,799.3
1977	4,230.1	1,344.1	2,885.9
1978	4,394.8	1,377.2	3,017.6
1979	4,484.7	1,382.3	3,102.5
1980	4,367.4	1,264.3	3,103.0
1981	4,317.6	1,232.6	3,085.1
1982	4,124.2	1,099.9	3,024.4
1983	4,083.8	1,066.9	3,017.0
1983			
June	4,116.8	1,064.1	3,052.7
July	4,082.0	1,062.2	3,019.8
August ..	4,074.0	1,074.7	2,999.3
September	4,157.0	1,094.3	3,062.7
October .	4,170.0	1,099.1	3,070.9
November.	4,177.5	1,104.4	3,073.1
December.	4,176.1	1,101.9	3,074.2
1984			
January .	4,083.3	1,101.0	2,982.3
February.	4,095.2	1,108.2	2,987.0
March ...	4,120.3	1,113.2	3,007.1
April ...	4,162.8	1,114.7	3,048.1
May	4,200.0	1,117.7	3,082.3
June	4,216.9	1,120.7	3,096.2

OHIO NONMANUFACTURING WAGE AND SALARY EMPLOYMENT[a] (in thousands)

Year and Month	Mining	Construction	Transportation and Utilities	Wholesale Trade	Retail Trade	Finance, Insurance, Real Estate	Services	Government
1973	22.9	175.5	224.9	197.7	654.9	169.0	643.9	597.8
1974	24.2	172.3	227.8	205.7	668.1	171.9	669.7	613.1
1975	26.8	154.9	213.2	203.5	664.5	173.1	686.3	626.4
1976	28.2	154.2	213.7	208.4	682.4	177.0	703.2	632.2
1977	29.1	162.8	219.1	214.6	703.1	183.4	731.4	642.3
1978	29.0	176.6	225.0	226.0	730.4	191.1	772.1	667.5
1979	31.6	182.9	232.1	232.8	742.4	200.6	806.2	674.0
1980	30.7	167.4	223.1	230.6	726.6	203.8	830.9	689.9
1981	30.7	153.7	217.2	232.5	717.7	205.8	851.5	676.0
1982	30.3	134.6	206.8	226.0	703.4	206.4	857.3	659.6
1983	26.6	128.6	197.3	219.6	703.3	209.6	874.6	657.5
1983								
June	27.0	135.7	201.4	221.6	713.1	211.3	888.2	654.5
July	27.4	140.8	201.5	221.4	709.8	212.2	883.2	623.4
August ..	27.4	142.2	184.6	221.3	712.4	212.3	883.0	616.2
September	27.5	144.6	201.0	221.2	714.8	211.8	891.3	650.4
October .	27.5	145.0	200.7	221.5	709.6	211.5	888.8	666.3
November.	27.4	140.9	199.6	221.1	717.8	211.5	884.2	670.6
December.	27.1	130.9	200.2	221.3	730.4	212.1	880.7	671.5
1984								
January .	27.0	115.0	193.1	218.3	693.6	210.8	868.3	656.3
February.	26.7	111.8	193.1	217.9	682.4	210.3	875.0	669.9
March ...	27.2	114.5	193.8	218.9	688.6	210.7	882.2	671.2
April ...	27.4	123.6	196.0	220.2	704.1	211.8	894.4	670.5
May	27.9	131.5	198.4	221.6	715.4	212.6	902.3	672.7
June	28.3	139.1	200.1	223.4	720.7	214.9	912.6	657.3

[a] Estimated in cooperation with U.S. Department of Labor. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates and averages computed from unrounded figures. All data exclude military personnel.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

EMPLOYMENT, HOURS, AND EARNINGS IN MANUFACTURING IN OHIO[a]

Year and Month	Manufacturing Employment (in thousands)			Production Workers in Manufacturing		
	All Manufacturing	Durable Goods	Nondurable Goods	Production Workers (in thousands)	Aggregate Weekly Payroll (in millions)	Aggregate Weekly Hours (in millions)
1973	1,426.3	1,018.2	408.1	1,046.7	$210.8	44.3
1974	1,416.6	1,013.1	403.5	1,028.7	217.4	42.4
1975	1,267.5	892.4	375.1	897.8	201.5	36.2
1976	1,295.3	910.6	384.6	926.1	233.9	38.2
1977	1,344.1	945.2	398.9	958.0	271.2	40.2
1978	1,377.2	974.5	402.7	985.5	302.5	41.5
1979	1,382.3	980.5	401.8	979.0	318.5	40.6
1980	1,264.3	882.6	381.8	867.8	301.9	35.2
1981	1,232.6	860.4	372.2	847.7	330.4	34.7
1982	1,099.9	752.4	347.5	735.7	297.1	29.5
1983	1,066.9	723.6	343.3	721.7	315.7	29.9
1983						
June	1,064.1	721.8	342.3	718.2	314.4	29.8
July	1,062.2	720.2	341.9	715.9	309.7	29.4
August ..	1,074.7	728.4	346.3	729.3	316.1	30.0
September	1,094.3	740.8	353.5	749.0	335.5	31.5
October .	1,099.1	748.1	351.0	755.4	340.1	31.7
November.	1,104.4	752.9	351.4	761.9	348.7	32.4
December.	1,101.9	749.8	352.0	760.2	352.4	32.5
1984						
January .	1,101.0	750.4	350.5	758.6	349.5	32.2
February.	1,108.2	756.9	351.3	765.6	351.5	32.5
March ...	1,113.2	760.9	352.4	769.9	357.3	32.7
April ...	1,114.7	762.0	352.7	771.7	359.1	32.8
May	1,117.7	764.2	353.5	773.5	355.6	32.6
June	1,120.7	765.9	354.8	775.4	357.6	32.7

Year and Month	Production Workers Average Weekly Earnings			Production Workers Average Weekly Hours			Production Workers Average Hourly Earnings		
	Manufacturing	Durable Goods	Nondurable Goods	Manufacturing	Durable Goods	Nondurable Goods	Manufacturing	Durable Goods	Nondurable Goods
1973	$201.35	$207.95	$185.89	42.3	42.7	41.4	$ 4.76	$ 4.87	$ 4.49
1974	211.36	216.94	196.17	41.2	41.4	40.7	5.13	5.24	4.82
1975	224.47	228.90	211.85	40.3	40.3	40.2	5.57	5.68	5.27
1976	252.54	258.75	235.00	41.2	41.4	41.3	6.10	6.25	5.69
1977	283.08	292.02	258.34	42.0	42.2	41.4	6.74	6.92	6.24
1978	306.91	316.83	279.30	42.1	42.3	41.5	7.29	7.49	6.73
1979	325.36	335.30	297.98	41.5	41.6	41.1	7.84	8.06	7.25
1980	347.94	358.57	319.99	40.6	40.7	40.2	8.57	8.81	7.96
1981	389.78	401.64	358.16	40.9	40.9	40.7	9.53	9.82	8.80
1982	403.81	414.80	378.95	40.1	40.0	40.4	10.07	10.37	9.38
1983	437.18	452.35	402.52	41.4	41.5	41.2	10.56	10.90	9.77
1983									
June	437.83	452.61	402.11	41.5	41.6	41.2	10.55	10.88	9.76
July	432.55	445.67	403.60	41.0	41.0	41.1	10.55	10.87	9.82
August ..	433.42	445.52	403.50	41.2	41.1	41.3	10.52	10.84	9.77
September	447.94	463.52	410.62	42.1	42.1	41.9	10.64	11.01	9.80
October .	450.24	468.68	408.78	42.0	42.3	41.5	10.72	11.08	9.85
November.	457.73	475.68	413.97	42.5	42.7	41.9	10.77	11.14	9.88
December.	463.52	483.15	419.05	42.8	43.1	42.2	10.83	11.21	9.93
1984									
January .	460.70	479.52	418.05	42.5	42.7	42.1	10.84	11.23	9.93
February.	459.19	478.67	414.24	42.4	42.7	41.8	10.83	11.21	9.91
March ...	464.10	484.50	417.32	42.5	42.8	41.9	10.92	11.32	9.96
April ...	465.38	483.79	420.26	42.5	42.7	41.9	10.95	11.33	10.09
May	459.73	477.99	413.17	42.1	42.3	41.4	10.92	11.30	9.98
June	461.25	481.10	416.00	42.2	42.5	41.6	10.93	11.32	10.00

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

EMPLOYMENT AND AVERAGE WEEKLY EARNINGS IN SELECTED MAJOR MANUFACTURING INDUSTRIES IN OHIO[a]

Year and Month	Stone, Clay and Glass Products	Primary Metal Industries	Fabricated Metal Products	Machinery, Except Electrical	Electric & Electronic Equipment	Transportation Equipment	Food and Kindred Products	Printing and Publishing	Rubber and Plastics Products
	EMPLOYMENT (in thousands)								
1973	73.3	173.3	175.2	219.9	134.1	167.2	76.4	67.7	109.8
1974	72.2	172.4	172.7	227.7	131.4	162.5	76.0	67.9	107.0
1975	65.0	151.5	150.9	207.7	112.3	140.8	73.5	64.8	94.8
1976	66.3	154.6	157.9	205.9	115.5	143.0	73.8	64.5	98.2
1977	67.1	157.7	166.5	210.7	120.9	151.8	74.4	65.4	107.4
1978	[illegible]	157.5	173.3	216.7	122.2	164.1	74.6	66.6	107.4
1979	69.7	158.9	175.5	223.6	117.6	165.8	74.4	67.6	106.7
1980	[illegible]	[illegible]	157.6	211.4	106.4	139.1	72.7	67.4	92.7
1981	61.0	138.3	154.9	204.2	101.9	136.9	69.3	66.1	89.0
1982	54.2	112.7	134.9	176.7	93.4	121.7	66.8	63.2	80.4
1983	52.7	104.5	130.9	153.1	90.2	131.6	64.5	62.3	82.4
1983									
June	53.1	103.5	129.8	152.0	90.0	132.1	64.2	62.4	81.5
July	53.3	103.0	129.4	152.1	89.7	131.6	64.0	61.9	82.1
August ..	54.0	105.1	132.2	152.6	89.6	132.8	66.4	61.9	83.5
September	54.8	107.4	134.6	154.8	91.5	134.8	69.5	62.6	85.6
October .	54.9	108.0	136.5	154.5	92.4	138.8	66.4	62.6	86.4
November.	55.0	109.8	137.8	155.3	92.4	139.9	65.2	62.8	87.4
December.	53.7	110.3	137.3	155.5	91.9	138.5	65.2	63.0	87.5
1984									
January .	52.9	110.6	137.7	156.6	91.8	138.4	64.5	62.8	87.9
February.	53.4	111.1	137.6	157.2	92.0	141.3	64.1	62.8	88.7
March ...	54.0	112.2	137.8	158.5	93.7	140.9	64.1	63.1	88.8
April ...	54.1	111.7	138.4	159.2	93.3	141.2	64.6	63.1	89.3
May	55.0	111.1	139.6	160.0	92.8	141.6	64.8	63.2	89.2
June	55.2	111.9	140.1	159.0	92.9	141.5	65.8	63.0	89.0
	AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS								
1973	$189.03	$228.72	$204.67	$208.80	$176.23	$241.01	$188.94	$203.06	$193.12
1974	194.21	246.03	213.62	219.05	184.61	244.91	204.89	211.14	199.92
1975	207.55	256.46	224.96	228.25	201.30	263.22	222.68	226.95	213.31
1976	232.40	294.58	256.68	253.31	221.54	302.87	242.92	252.20	237.30
1977	253.95	329.54	290.44	279.18	248.44	359.20	258.54	271.96	263.97
1978	274.81	366.24	307.23	306.16	268.45	389.66	281.15	285.18	282.73
1979	293.34	395.43	323.38	329.09	289.27	391.56	304.50	302.62	300.66
1980	315.43	422.01	349.34	352.77	316.31	414.83	329.85	320.92	323.61
1981	348.02	484.04	389.61	389.16	350.27	471.50	362.75	347.70	368.67
1982	376.88	480.54	398.77	392.63	366.56	506.99	386.04	358.45	381.11
1983	400.57	503.85	460.65	424.09	394.63	557.92	403.79	375.62	412.25
1983									
June	400.20	496.11	463.86	424.91	392.85	563.82	408.53	371.51	414.62
July	403.44	496.50	447.79	420.09	390.34	543.97	412.29	369.27	409.36
August ..	401.64	492.83	449.35	421.14	395.60	541.80	409.04	371.35	407.11
September	409.18	522.49	471.28	431.09	406.39	570.49	415.86	378.00	422.18
October .	412.17	514.18	479.45	436.31	408.04	581.79	396.89	384.94	425.87
November.	415.33	520.38	490.31	450.24	411.27	586.64	410.98	392.18	421.20
December.	421.16	525.79	505.52	463.54	415.17	588.60	420.30	393.97	422.61
1984									
January .	419.33	525.39	486.86	468.27	409.59	585.09	409.64	391.40	429.44
February.	417.08	540.99	485.57	468.07	420.51	565.46	411.04	391.30	423.36
March ...	417.49	538.90	482.08	467.18	416.66	602.94	416.79	386.45	425.97
April ...	420.93	540.58	486.06	468.93	420.21	593.18	424.27	388.22	424.45
May	416.90	537.63	477.70	462.87	420.24	582.56	416.75	384.29	415.16
June	423.19	544.85	474.46	464.81	415.14	590.95	425.70	383.67	416.44

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN OHIO[a]
JUNE 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	June 1984[b]	May 1984[c]	June 1983[c]	May 1984	June 1983
TOTAL	4216.9	4200.0	4116.8	.4	2.4
MANUFACTURING	1120.7	1117.7	1064.1	.3	5.3
Durable Goods[e]	765.9	764.2	721.8	.2	6.1
Lumber and wood products	16.1	15.7	14.4	2.4	11.9
Furniture and fixtures	13.7	13.4	13.5	1.9	1.5
Household furniture	5.9	5.8	6.4	1.3	-7.2
Stone, clay, and glass products	55.2	55.0	53.1	.5	4.0
Glass and glassware, pressed or blown.	13.8	14.1	13.6	-1.6	1.5
Structural clay products	4.9	4.7	4.8	4.4	1.5
Pottery and related products	5.7	5.7	5.8	-.1	-.5
Primary metal industries	111.9	111.1	103.5	.7	8.1
Blast furnace and basic steel products	55.5	55.6	51.7	-.2	7.5
Iron and steel foundries	22.0	21.1	19.9	4.5	10.7
Nonferrous rolling and drawing	18.7	18.7	18.2	.1	3.2
Nonferrous foundries	9.3	9.3	8.2	.1	13.4
Fabricated metal products	140.1	139.6	129.8	.4	7.9
Cutlery, hand tools, and hardware	11.2	11.4	11.1	-1.4	1.3
Plumbing and heating, except electric.	4.9	4.9	4.1	-.5	19.0
Fabricated structural metal products	29.2	28.9	28.5	.9	2.4
Screw machine products, bolts, etc.	8.9	8.8	8.5	1.1	4.8
Metal forgings and stampings	43.9	43.9	38.7	.1	13.3
Machinery, except electrical	159.0	160.0	152.0	-.6	4.6
Construction and related machinery	15.6	15.8	17.1	-1.0	-8.7
Metalworking machinery	39.0	39.4	38.2	-.9	2.2
Special industry machinery	16.8	16.7	15.8	.5	6.3
General industrial machinery	31.7	31.6	29.5	.4	7.6
Electric and electronic equipment	92.9	92.8	90.0	.0	3.1
Electrical industrial apparatus	19.1	19.0	18.7	.5	1.9
Household appliances	16.3	16.1	15.9	1.2	2.3
Electric lighting and wiring equipment	18.5	18.5	18.0	-.1	2.7
Communication equipment	10.2	10.2	10.1	.1	1.2
Transportation equipment	141.5	141.6	132.1	-.1	7.1
Motor vehicles and equipment	94.2	94.9	87.2	-.7	8.0
Aircraft and parts	38.9	38.5	36.6	1.2	6.3
Instruments and related products	21.7	21.6	20.1	.4	7.6
Measuring and controlling devices	12.6	12.7	11.7	-.9	7.2
Nondurable Goods[f]	354.8	353.5	342.3	.4	3.6
Food and kindred products	65.8	64.8	64.2	1.6	2.4
Meat products	10.5	10.4	9.7	.5	8.3
Dairy products	10.6	10.4	10.6	2.2	.3
Bakery products	10.3	10.3	10.1	-.4	1.9
Beverages	10.6	10.4	10.7	2.5	-.4
Textile mill products	4.7	4.6	4.3	1.7	7.4
Apparel and other textile products	17.4	17.7	16.4	-1.2	6.3
Paper and allied products	35.8	35.7	34.9	.0	2.6
Paper mills, except building paper	9.5	9.5	9.0	.1	5.4
Misc. converted paper products	11.5	11.5	11.3	.0	2.2
Paperboard containers and boxes	11.8	11.7	11.6	.4	1.7
Printing and publishing	63.0	63.2	62.4	-.3	1.0
Newspapers	18.0	18.0	17.8	.0	.9
Commercial printing	23.1	23.3	22.7	-1.0	1.6
Chemicals and allied products	64.5	64.1	63.9	.6	1.0
Industrial inorganic chemicals	11.5	11.5	11.4	.0	.7
Plastics materials and synthetics	8.8	8.7	8.8	.3	-.5
Petroleum and coal products	9.7	9.4	9.6	3.1	1.1
Rubber and misc. plastics products	89.0	89.2	81.5	-.3	9.2
Tires and inner tubes	20.5	20.5	20.1	-.1	1.7
Miscellaneous plastics products	47.5	47.8	42.3	-.6	12.3
Leather and leather products	4.8	4.7	4.9	3.6	-1.4

See footnotes at end of table.

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN OHIO[a]
JUNE 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	June 1984^b	May 1984^c	June 1983^c	June 1984^b	May 1984^c	June 1983^c	June 1984^b	May 1984^c	June 1983^c
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$461.25	$459.73	$437.83	42.2	42.1	41.5	$10.93	$10.92	$10.55
Durable Goods[d]	481.10	477.99	452.61	42.5	42.3	41.6	11.32	11.30	10.88
Lumber and wood products	302.06	299.03	294.59	40.6	40.3	40.3	7.44	7.42	7.31
Furniture and fixtures	321.58	317.49	313.24	40.4	40.6	41.0	7.96	7.82	7.64
Household furniture	284.93	279.18	275.52	39.3	39.6	39.7	7.25	7.05	6.94
Stone, clay, and glass products	423.19	416.90	400.20	41.9	41.4	41.3	10.10	10.07	9.69
Glass and glassware, pressed or blown	448.67	438.34	424.60	40.9	40.4	40.4	10.97	10.85	10.51
Structural clay products	318.53	318.37	305.56	41.1	41.4	41.8	7.75	7.69	7.31
Pottery and related products	346.50	321.64	324.90	39.6	37.4	38.0	8.75	8.60	8.55
Primary metal industries	544.85	537.63	496.11	42.7	42.2	40.4	12.76	12.74	12.28
Blast furnace and basic steel products	547.94	543.43	503.72	41.7	41.2	39.2	13.14	13.19	12.85
Iron and steel foundries	551.49	548.49	484.33	43.7	43.6	40.7	12.62	12.58	11.90
Nonferrous rolling and drawing	587.88	579.44	533.76	42.6	42.7	41.7	13.80	13.57	12.80
Nonferrous foundries	418.21	412.47	396.53	43.7	43.1	42.5	9.57	9.57	9.33
Fabricated metal products	474.46	477.70	463.86	42.4	42.5	42.4	11.19	11.24	10.94
Cutlery, hand tools, and hardware	461.68	457.81	482.16	39.8	39.5	42.0	11.60	11.59	11.48
Plumbing and heating, except electric	386.05	386.14	332.20	41.6	41.7	39.5	9.28	9.26	8.41
Fabricated structural metal products	417.00	413.24	409.85	41.7	41.2	40.7	10.00	10.03	10.07
Screw machine products, bolts, etc.	392.70	399.04	383.35	42.5	43.0	41.0	9.24	9.28	9.35
Metal forgings and stampings	589.63	592.30	565.27	44.5	44.5	44.3	13.25	13.31	12.76
Machinery, except electrical	464.81	462.87	424.91	42.8	42.7	40.7	10.86	10.84	10.44
Construction and related machinery	412.63	420.89	412.06	40.1	40.2	38.8	10.29	10.47	10.62
Metalworking machinery	434.92	435.74	393.47	41.9	42.1	38.5	10.38	10.35	10.22
Special industry machinery	461.61	444.26	408.20	44.3	42.8	41.4	10.42	10.38	9.86
General industrial machinery	461.05	466.82	415.14	41.8	42.4	40.7	11.03	11.01	10.20
Electric and electronic equipment	415.14	420.24	392.85	40.9	41.2	40.5	10.15	10.20	9.70
Electrical industrial apparatus	402.62	402.70	359.68	41.0	40.8	38.8	9.82	9.87	9.27
Household appliances	420.29	424.54	409.66	39.8	39.9	40.4	10.56	10.64	10.14
Electric lighting and wiring equipment	417.13	416.64	395.43	41.3	42.0	41.8	10.10	9.92	9.46
Communication equipment	479.27	473.88	433.37	43.1	42.5	41.0	11.12	11.15	10.57
Transportation equipment	590.95	582.56	563.82	44.2	44.0	44.5	13.37	13.24	12.67
Motor vehicles and equipment	622.83	611.02	596.45	45.1	44.6	45.6	13.81	13.70	13.08
Aircraft and parts	515.34	507.36	481.07	42.0	42.0	41.4	12.27	12.08	11.62
Instruments and related products	316.78	317.60	300.93	40.2	39.9	39.7	7.88	7.96	7.58
Measuring and controlling devices	313.61	314.03	296.01	39.9	39.6	39.0	7.86	7.93	7.59
Nondurable Goods[e]	416.00	413.17	402.11	41.6	41.4	41.2	10.00	9.98	9.76
Food and kindred products	425.70	416.75	408.53	42.4	41.8	41.9	10.04	9.97	9.75
Meat products	405.82	394.42	412.02	41.2	41.0	42.0	9.85	9.62	9.81
Dairy products	419.24	416.56	401.07	43.4	42.9	43.5	9.66	9.71	9.22
Bakery products	455.40	450.60	421.25	41.4	41.8	40.7	11.00	10.78	10.35
Beverages	406.43	373.51	373.11	41.9	39.4	40.6	9.70	9.48	9.19
Textile mill products	323.52	330.34	304.83	40.9	41.5	41.7	7.91	7.96	7.31
Apparel and other textile products	240.04	244.08	229.02	37.1	37.9	37.3	6.47	6.44	6.14
Paper and allied products	449.90	452.24	422.14	44.5	44.6	43.7	10.11	10.14	9.66
Paper mills, except building paper	552.01	560.95	508.56	46.9	47.7	46.7	11.77	11.76	10.89
Misc. converted paper products	410.28	402.12	377.69	43.6	43.1	42.2	9.41	9.33	8.95
Paperboard containers and boxes	399.33	408.03	387.11	43.5	43.5	42.4	9.18	9.38	9.13
Printing and publishing	383.67	384.29	371.51	38.1	38.2	37.3	10.07	10.06	9.96
Newspapers	322.74	327.63	320.09	33.0	33.5	32.3	9.78	9.78	9.91
Commercial printing	395.21	393.62	390.17	39.6	39.6	38.9	9.98	9.94	10.03
Chemicals and allied products	476.93	473.30	452.09	41.4	41.3	41.4	11.52	11.46	10.92
Industrial inorganic chemicals	510.83	518.18	475.36	41.7	42.3	41.3	12.25	12.25	11.51
Plastics materials and synthetics	543.90	535.24	493.78	44.4	43.8	43.2	12.25	12.22	11.43
Petroleum and coal products	594.27	601.66	584.77	42.6	42.4	42.1	13.95	14.19	13.89
Rubber and misc. plastics products	416.44	415.16	414.62	42.8	42.8	42.7	9.73	9.70	9.71
Tires and inner tubes	592.48	588.53	544.00	46.0	45.8	43.8	12.88	12.85	12.42
Miscellaneous plastics products	398.04	398.14	404.70	42.3	42.4	42.6	9.41	9.39	9.50
Leather and leather products	221.13	194.85	208.21	42.2	37.4	38.7	5.24	5.21	5.38

See footnotes at end of table.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN OHIO[a]
JUNE 1984 (Continued)

Industry	Employment (in thousands)			Percent Change From[d]	
	June 1984[b]	May 1984[c]	June 1983[c]	May 1984	June 1983
NONMANUFACTURING	3096.2	3082.3	3052.7	.5	1.4
MINING	28.3	27.9	27.0	1.3	4.8
Bituminous coal and lignite mining	11.9	11.9	11.5	.5	3.4
CONSTRUCTION	139.1	131.5	135.7	5.7	2.5
General building contractors	34.6	32.8	32.9	5.6	5.1
Heavy construction contractors	23.8	21.1	21.5	12.7	10.5
TRANSPORTATION AND PUBLIC UTILITIES	200.1	198.4	201.4	.9	- .6
Railroad transportation	19.3	19.3	19.4	.0	- .6
Transportation, except railroads	89.0	87.5	87.2	1.7	2.1
Trucking and warehousing	62.9	62.2	63.0	1.2	- .1
Communication, electric, gas services	91.8	91.6	94.8	.3	- 3.2
Communication	51.9	52.0	54.1	.0	- 4.1
Electric, gas, and sanitary services	39.9	39.6	40.7	.8	- 2.0
WHOLESALE TRADE	223.4	221.6	221.6	.8	.8
Wholesale trade-durable goods	139.4	138.4	138.6	.7	.6
Motor vehicles & automotive equipment	20.4	20.2	20.2	1.0	.8
Electrical goods	18.8	18.6	18.6	.8	.9
Machinery, equipment, and supplies	58.2	58.0	58.0	.4	.4
Wholesale trade-nondurable goods	84.0	83.2	83.0	1.0	1.2
Groceries and related products	26.5	26.2	25.8	1.1	2.4
RETAIL TRADE	720.7	715.4	713.1	.7	1.1
General merchandise stores	109.0	108.8	108.0	.2	.9
Department stores	100.3	100.2	99.2	.2	1.2
Food stores	118.7	118.2	117.0	.4	1.5
Automotive dealers & service stations	76.1	75.4	76.1	1.0	.0
Apparel and accessory stores	32.9	32.9	33.4	.1	- 1.3
FINANCE, INSURANCE, AND REAL ESTATE	214.9	212.6	211.3	1.1	1.7
Banking	57.6	57.2	58.8	.7	- 1.9
Credit agencies other than banks	32.6	32.3	31.6	.9	3.1
Insurance carriers	59.5	59.3	59.4	.4	.2
SERVICES	912.6	902.3	888.2	1.1	2.7
Hotels and other lodging places	30.6	29.6	30.5	3.6	.3
Laundry, cleaning, & garment services	16.6	16.6	16.6	.5	.1
Business services	136.2	133.7	129.5	1.9	5.2
Health services	330.0	327.6	319.5	.7	3.3
Hospitals	178.4	177.7	175.1	.4	1.9
GOVERNMENT	657.3	672.7	654.5	- 2.3	.4
Federal government	90.7	89.8	88.7	1.0	2.2
State government	133.8	145.1	135.3	- 7.8	- 1.1
State government, except education	68.6	68.1	71.5	.7	- 4.1
State government education[i]	65.2	77.0	63.8	- 15.3	2.3
Local government	432.8	437.8	430.4	- 1.1	.5
Local government, except education	186.3	180.7	189.9	3.1	- 1.9
Local government education	246.5	257.1	240.5	- 4.1	2.5

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[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes miscellaneous manufacturing. [f] Includes tobacco manufactures. [h] Depressed due to labor-management disputes. [i] Includes State Universities, State Schools for Deaf and Blind, and the State Library. Excludes hospitals, the agricultural extension service, agricultural research centers, and departments coordinating and administering educational programs (notably, the Ohio Department of Education).

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN OHIO[a]
JUNE 1984 (Continued)

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	June 1984[b]	May 1984[c]	June 1983[c]	June 1984[b]	May 1984[c]	June 1983[c]	June 1984[b]	May 1984[c]	June 1983[c]
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
MINING	$498.62	$490.12	$458.11	44.8	43.8	43.3	$11.13	$11.19	$10.58
Bituminous coal and lignite mining	619.99	608.19	564.28	43.6	42.8	42.3	14.22	14.21	13.34
CONSTRUCTION	600.62	581.27	571.16	38.8	37.0	37.7	15.48	15.71	15.15
General building contractors	559.13	513.68	505.81	39.1	36.2	36.6	14.30	14.19	13.82
Heavy construction contractors	606.56	544.63	566.65	40.6	36.7	38.6	14.94	14.84	14.68
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Railroad transportation	......	......	......	....	....	....	....	....	....
Transportation, except railroads	......	......	......	....	....	....	....	....	....
Trucking and warehousing	452.45	446.40	471.48	36.4	36.0	37.9	12.43	12.40	12.44
Communication, electric, gas services	484.80	483.20	451.60	40.4	40.3	40.0	12.00	11.99	11.29
Communication	479.59	477.99	447.02	40.2	40.1	39.7	11.93	11.92	11.26
Electric, gas, and sanitary services	493.27	490.45	457.33	40.8	40.6	40.4	12.09	12.08	11.32
WHOLESALE TRADE	341.68	340.42	328.89	39.5	39.4	39.2	8.65	8.64	8.39
Wholesale trade-durable goods	339.20	337.16	321.50	40.0	39.9	39.4	8.48	8.45	8.16
Motor vehicles & automotive equipment	278.97	278.52	282.34	38.8	38.9	38.0	7.19	7.16	7.43
Electrical goods	286.52	285.00	263.41	38.0	38.0	37.9	7.54	7.50	6.95
Machinery, equipment, and supplies	382.59	379.63	359.20	40.4	40.3	40.0	9.47	9.42	8.98
Wholesale trade-nondurable goods	346.87	345.35	341.93	38.8	38.5	38.9	8.94	8.97	8.79
Groceries and related products	368.10	366.93	372.32	40.9	40.5	41.6	9.00	9.06	8.95
RETAIL TRADE[f]	161.41	160.31	162.06	29.4	29.2	29.9	5.49	5.49	5.42
General merchandise stores	166.53	166.10	165.47	30.5	30.2	30.7	5.46	5.50	5.39
Department stores	169.83	169.07	169.02	30.6	30.3	30.9	5.55	5.58	5.47
Food stores	212.59	208.68	227.91	30.9	30.2	32.1	6.88	6.91	7.10
Automotive dealers & service stations	226.15	224.28	215.12	36.3	36.0	36.4	6.23	6.23	5.91
Apparel and accessory stores	112.41	112.57	115.36	25.9	25.7	26.1	4.34	4.38	4.42
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
Banking	225.07	221.51	215.56	....	....	....	....	....	....
Credit agencies other than banks	219.11	217.61	206.98	....	....	....	....	....	....
Insurance carriers	296.64	297.92	287.42	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
Hotels and other lodging places	......	......	......	....	....	....	....	....	....
Laundry, cleaning, & garment services	......	......	......	....	....	....	....	....	....
Business services	......	......	......	....	....	....	....	....	....
Health services	......	......	......	....	....	....	....	....	....
Hospitals	288.44	285.71	279.62	33.5	33.3	34.1	8.61	8.58	8.20
GOVERNMENT	......	......	......	....	....	....	....	....	....
Federal government	......	......	......	....	....	....	....	....	....
State government	......	......	......	....	....	....	....	....	....
State government, except education	......	......	......	....	....	....	....	....	....
State government education	......	......	......	....	....	....	....	....	....
Local government	......	......	......	....	....	....	....	....	....
Local government, except education	......	......	......	....	....	....	....	....	....
Local government education	......	......	......	....	....	....	....	....	....

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes miscellaneous manufacturing. [e] Includes tobacco manufactures. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN AKRON METROPOLITAN AREA[a]
JUNE 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	June 1984[b]	May 1984[c]	June 1983[c]	May 1984	June 1983
TOTAL	249.7	253.2	242.9	-1.4	2.8
MANUFACTURING	67.8	67.5	65.0	.4	4.2
Durable Goods[e]	34.9	34.8	32.5	.3	7.3
Stone, clay, and glass products	1.3	1.3	1.5	2.2	-8.8
Fabricated metal products	13.1	13.1	12.3	-.1	6.9
Machinery, except electrical	8.9	9.0	8.5	-.4	5.8
Special industry machinery	1.4	1.4	1.3	.0	7.6
Nondurable Goods[f]	32.9	32.7	32.6	.6	1.1
Food and kindred products	2.8	2.7	2.7	2.6	5.1
Chemicals and allied products	2.9	2.9	3.2	.0	-11.7
Rubber and misc. plastics products	22.0	21.9	21.4	.4	2.5
Tires and inner tubes	15.5	15.6	15.5	-.3	.1
NONMANUFACTURING[g]	182.0	185.7	177.9	-2.0	2.3
CONSTRUCTION	7.6	7.0	7.5	8.5	1.0
TRANSPORTATION AND PUBLIC UTILITIES	12.7	12.5	12.7	1.6	-.3
Communication, electric, gas services	5.3	5.3	5.5	.4	-3.5
WHOLESALE TRADE	11.6	11.5	11.7	1.1	-.6
RETAIL TRADE	45.9	45.6	45.4	.8	1.1
FINANCE, INSURANCE, AND REAL ESTATE	9.6	9.5	9.4	1.1	2.8
SERVICES	56.9	55.8	53.9	2.0	5.5
GOVERNMENT	37.0	43.2	36.5	-14.4	1.1
State government (includes education)	8.9	14.8	8.8	-40.0	.7
Local government (includes education)	25.9	26.2	25.6	-1.3	.9

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Akron area is defined as Portage and Summit Counties. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; primary metal industries; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

Labor Market Information Division
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Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN AKRON METROPOLITAN AREA[a]
JUNE 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	June 1984[b]	May 1984[c]	June 1983[c]	June 1984[b]	May 1984[c]	June 1983[c]	June 1984[b]	May 1984[c]	June 1983[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$474.15	$469.59	$437.38	43.7	43.4	42.3	$10.85	$10.82	$10.34
Durable Goods[d]	490.80	489.49	438.46	43.9	43.9	42.2	11.18	11.15	10.39
Stone, clay, and glass products	387.81	393.86	408.93	41.3	41.9	43.0	9.39	9.40	9.51
Fabricated metal products	598.07	602.99	497.57	44.9	45.1	42.6	13.32	13.37	11.68
Machinery, except electrical	405.42	412.52	406.93	43.5	44.5	42.7	9.32	9.27	9.53
Special industry machinery	496.64	497.55	416.75	47.8	48.4	41.8	10.39	10.28	9.97
Nondurable Goods[e]	447.72	440.06	437.50	43.3	42.6	42.6	10.34	10.33	10.27
Food and kindred products	467.04	472.29	460.67	45.3	45.5	44.9	10.31	10.38	10.26
Chemicals and allied products	449.19	439.01	441.60	41.4	40.8	40.7	10.85	10.76	10.85
Rubber and misc. plastics products	475.78	465.84	471.08	44.8	43.7	44.4	10.62	10.66	10.61
Tires and inner tubes	635.08	626.51	600.76	47.5	47.0	46.0	13.37	13.33	13.06
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	660.53	595.88	564.29	41.7	37.5	37.1	15.84	15.89	15.21
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	495.73	492.48	452.73	40.7	40.6	40.1	12.18	12.13	11.29
WHOLESALE TRADE	317.60	320.78	298.72	39.8	39.7	39.1	7.98	8.08	7.64
RETAIL TRADE[f]	177.61	176.12	178.12	29.9	29.8	30.5	5.94	5.91	5.84
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	.....	....	....	....
State government (includes education)	......	......	......	....	....	.....	....	....	....
Local government (includes education)	......	......	......	....	....	....	....	....	....

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Akron area is defined as Portage and Summit Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; furniture and fixtures; primary metal industries; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

Labor Market Information Division
Ohio Bureau of Employment Services
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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CANTON METROPOLITAN AREA[a]
JUNE 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	June 1984[b]	May 1984[c]	June 1983[c]	May 1984	June 1983
TOTAL	148.5	147.8	144.9	.5	2.5
MANUFACTURING	45.2	45.3	44.4	- .1	1.9
Durable Goods[e]	33.9	33.9	33.8	- .1	.4
Stone, clay, and glass products	1.6	1.6	1.8	.7	- 9.0
Primary metal industries	11.2	11.0	10.6	1.9	5.3
Fabricated metal products	7.4	7.4	7.7	.5	- 2.9
Fabricated structural metal products	1.7	1.7	2.2	- 2.9	- 23.8
Metal forgings and stampings	2.5	2.5	2.2	3.1	15.3
Nondurable Goods[f]	11.3	11.3	10.6	- .1	6.6
Food and kindred products	4.0	4.0	3.8	.2	4.2
Rubber and misc. plastics products	2.8	2.8	2.5	- .4	14.9
NONMANUFACTURING[g]	103.3	102.6	100.5	.7	2.8
CONSTRUCTION	5.0	4.7	4.3	5.2	16.1
TRANSPORTATION AND PUBLIC UTILITIES	5.9	5.8	6.0	2.6	- 1.0
Communication, electric, gas services	2.7	2.7	2.9	.4	- 5.0
WHOLESALE TRADE	7.6	7.5	7.3	1.0	4.4
RETAIL TRADE	26.4	26.0	26.2	1.5	.8
FINANCE, INSURANCE, AND REAL ESTATE	6.8	6.7	6.4	1.2	5.5
SERVICES	32.1	31.8	31.3	.8	2.6
GOVERNMENT	18.1	18.6	17.8	- 2.5	1.9
government (includes education)	15.4	15.8	15.0	- 2.3	3.0

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[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Canton area is defined as Carroll and Stark Counties. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CANTON METROPOLITAN AREA[a]

JUNE 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	June 1984[b]	May 1984[c]	June 1983[c]	June 1984[b]	May 1984[c]	June 1983[c]	June 1984[b]	May 1984[c]	June 1983[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$447.23	$448.22	$423.07	40.4	40.6	39.8	$11.07	$11.04	$10.63
Durable Goods[d]	465.41	467.24	435.01	40.4	40.7	39.8	11.52	11.48	10.93
Stone, clay, and glass products	277.48	292.47	271.55	38.7	39.9	39.7	7.17	7.33	6.84
Primary metal industries	498.48	507.12	468.07	40.2	40.7	39.4	12.40	12.46	11.88
Fabricated metal products	534.24	529.20	496.76	42.4	42.1	41.5	12.60	12.57	11.97
Fabricated structural metal products	377.55	381.05	467.60	39.7	39.9	41.9	9.51	9.55	11.16
Metal forgings and stampings	676.57	669.74	605.32	45.9	45.1	42.9	14.74	14.85	14.11
Nondurable Goods[e]	393.98	392.04	381.35	40.7	40.5	39.6	9.68	9.68	9.63
Food and kindred products	407.15	410.17	428.80	39.3	39.9	40.0	10.36	10.28	10.72
Rubber and misc. plastics products	445.88	447.30	404.05	43.8	44.2	43.4	10.18	10.12	9.31
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	592.84	556.68	549.58	38.1	35.3	36.3	15.56	15.77	15.14
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	486.79	490.80	454.66	40.6	40.9	40.2	11.99	12.00	11.31
WHOLESALE TRADE	310.54	309.31	313.13	35.9	35.8	37.5	8.65	8.64	8.35
RETAIL TRADE[f]	160.92	160.08	160.36	29.8	29.7	30.2	5.40	5.39	5.31
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
Local government (includes education)	......	......	......	....	....	....	....	....	....

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Canton area is defined as Carroll and Stark Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; furniture and fixtures; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CINCINNATI METROPOLITAN AREA[a]
JUNE 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	June 1984[b]	May 1984[c]	June 1983[c]	May 1984	June 1983
TOTAL	594.6	590.0	578.8	.8	2.7
MANUFACTURING	145.8	145.0	140.5	.6	3.8
Durable Goods[e]	79.4	78.8	76.4	.7	3.8
Furniture and fixtures	2.0	2.0	2.2	2.6	- 7.0
Primary metal industries	2.1	2.1	1.8	1.1	22.5
Fabricated metal products	12.4	12.3	11.9	1.0	4.8
Fabricated structural metal products	3.7	3.6	3.7	3.1	- 1.6
Machinery, except electrical	19.0	19.0	18.4	- .4	2.9
Metalworking machinery	7.9	7.9	7.8	- .1	1.4
General industrial machinery	3.5	3.5	3.4	- .2	3.4
Electric and electronic equipment	8.1	8.2	8.1	- .6	- .1
Transportation equipment	25.4	25.3	24.3	.3	4.7
Motor vehicles and equipment	10.1	10.3	9.3	- 1.5	8.1
Nondurable Goods[f]	66.5	66.2	64.0	.5	3.8
Food and kindred products	14.7	14.5	13.9	1.3	5.9
Meat products	2.4	2.3	1.8[h]	1.5	33.3
Bakery products	2.5	2.6	2.4	- 3.4	8.3
Beverages	4.3	4.0	4.2	7.8	1.8
Apparel and other textile products	4.0	4.0	3.9	- .5	1.7
Paper and allied products	6.1	6.1	5.9	- 1.0	3.7
Printing and publishing	11.6	11.7	11.7	- .8	- .2
Chemicals and allied products	21.8	21.6	21.2	.9	2.8
Rubber and misc. plastics products	4.9	4.9	4.4	.0	12.1
NONMANUFACTURING[g]	448.8	445.0	438.3	.8	2.4
CONSTRUCTION	21.3	20.6	20.4	3.2	4.1
TRANSPORTATION AND PUBLIC UTILITIES	31.4	31.2	31.8	.6	- 1.4
Communication, electric, gas services	14.1	14.1	15.0	.4	- 5.7
WHOLESALE TRADE	36.4	36.2	36.3	.6	.2
RETAIL TRADE	105.8	104.9	104.7	.8	1.0
FINANCE, INSURANCE, AND REAL ESTATE	33.5	33.2	33.0	.9	1.5
Banking	7.4	7.4	7.4	.6	.5
Insurance carriers	11.3	11.3	11.3	.3	.4
SERVICES	138.4	136.4	132.6	1.5	4.4
GOVERNMENT	81.6	82.1	79.0	- .7	3.3
Federal government	13.5	13.6	12.5	- .9	8.1
State government (includes education)	17.2	17.8	17.7	- 3.3	- 2.9
Local government	50.9	50.8	48.9	.3	4.3
Local government, except education	21.7	21.2	22.2	2.5	- 2.0
Local government education	29.2	29.6	26.7	- 1.2	9.5

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[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Cincinnati area is defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; stone, clay, and glass products; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CINCINNATI METROPOLITAN AREA[a]
JUNE 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	June 1984[b]	May 1984[c]	June 1983[c]	June 1984[b]	May 1984[c]	June 1983[c]	June 1984[b]	May 1984[c]	June 1983[c]
TOTAL	......	....	......	....	....	....	....	....	....
MANUFACTURING	$438.06	$436.80	$417.54	41.8	41.6	41.3	$10.48	$10.50	$10.11
Durable Goods[d]	434.30	429.32	402.12	41.8	41.4	40.7	10.39	10.37	9.88
Furniture and fixtures	356.10	350.70	310.42	41.6	41.8	39.9	8.56	8.39	7.78
Primary metal industries	509.21	493.08	401.08	43.3	42.0	37.0	11.76	11.74	10.84
Fabricated metal products	379.76	377.74	377.48	40.4	40.4	41.3	9.40	9.35	9.14
Fabricated structural metal products	399.90	376.58	338.37	43.0	40.8	39.3	9.30	9.23	8.61
Machinery, except electrical	387.16	393.18	359.60	41.1	41.3	39.3	9.42	9.52	9.15
Metalworking machinery	412.16	434.68	383.52	38.7	40.7	37.6	10.65	10.68	10.20
General industrial machinery	360.34	361.65	333.28	41.9	42.2	40.3	8.60	8.57	8.27
Electric and electronic equipment	328.02	334.14	301.45	40.9	41.1	39.2	8.02	8.13	7.69
Transportation equipment	618.36	596.09	555.86	43.7	42.7	42.4	14.15	13.96	13.11
Motor vehicles and equipment	705.48	676.81	639.12	45.9	44.6	44.6	15.37	15.22	14.33
Nondurable Goods[e]	441.60	443.69	435.12	41.7	41.7	42.0	10.59	10.64	10.36
Food and kindred products	499.49	494.36	489.06	43.7	43.1	42.9	11.43	11.47	11.40
Meat products	401.57	421.41	403.92	41.7	43.4	41.9	9.63	9.71	9.64
Bakery products	482.54	475.68	462.53	43.2	43.6	43.8	11.17	10.91	10.56
Beverages	481.06	470.12	445.82	43.3	41.9	41.9	11.11	11.22	10.64
Apparel and other textile products	210.02	221.84	214.32	35.9	37.6	37.6	5.85	5.90	5.70
Paper and allied products	389.48	396.09	376.20	42.8	43.1	41.8	9.10	9.19	9.00
Printing and publishing	407.88	421.74	417.96	39.6	39.9	40.5	10.30	10.57	10.32
Chemicals and allied products	518.32	523.75	505.41	41.3	41.8	42.4	12.55	12.53	11.92
Rubber and misc. plastics products	392.62	375.03	383.26	46.3	44.7	46.4	8.48	8.39	8.26
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	542.33	538.32	541.75	38.3	37.1	37.7	14.16	14.51	14.37
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	466.10	466.49	438.45	39.3	39.3	39.5	11.86	11.87	11.10
WHOLESALE TRADE	363.86	363.78	336.65	40.7	40.6	39.1	8.94	8.96	8.61
RETAIL TRADE[f]	167.32	165.23	164.39	31.1	31.0	30.9	5.38	5.33	5.32
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
Banking	229.74	228.99	222.21	....	....	....	....	....	....
Insurance carriers	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
Federal government	......	......	......	....	....	....	....	....	....
State government (includes education)	......	......	......	....	....	....	....	....	....
Local government	......	......	......	....	....	....	....	....	....
Local government, except education	......	......	......	....	....	....	....	....	....
Local government education	......	......	......	....	....	....	....	....	....

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[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Cincinnati area is defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; stone, clay, and glass products; instruments and related products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [g] Low due to labor-management disputes during part of pay period.

Labor Market Information Division
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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CLEVELAND METROPOLITAN AREA[a]
JUNE 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	June 1984[b]	May 1984[c]	June 1983[c]	May 1984	June 1983
TOTAL	838.5	831.1	838.5	.9	.0
MANUFACTURING	211.7	210.9	207.8	.4	1.9
Durable Goods[e]	146.9	146.4	144.7	.3	1.5
Furniture and fixtures	2.1	2.3	2.1	-5.7	2.8
Primary metal industries	24.7	24.6	24.2	.2	2.2
Blast furnace and basic steel products	11.9	11.9	12.5	.1	-5.2
Iron and steel foundries	6.1	6.1	5.6	-.1	10.1
Nonferrous foundries	2.6	2.6	2.5	1.6	3.0
Fabricated metal products	32.0	31.7	31.2	.8	2.6
Fabricated structural metal products	3.8	3.8	3.6	1.0	4.4
Screw machine products, bolts, etc.	4.2	4.2	4.3	1.2	-2.4
Metal forgings and stampings	11.0	10.9	10.8	.8	2.0
Machinery, except electrical	32.3	32.1	30.9	.8	4.8
Construction and related machinery	4.8	4.9	5.4	-2.4	-11.7
Metalworking machinery	10.5	10.4	10.0	.9	4.9
Special industry machinery	3.3	3.2	2.8	2.6	19.8
General industrial machinery	2.9	2.8	2.7	2.9	4.8
Electric and electronic equipment	22.4	22.3	22.1	.3	1.4
Electrical industrial apparatus	7.6	7.5	7.5	.6	1.4
Transportation equipment	19.5	19.7	20.7	-.8	-5.8
Motor vehicles and equipment	13.0	13.2	14.3	-1.6	-8.8
Instruments and related products	5.9	5.9	5.8	.4	2.0
Nondurable Goods[f]	64.8	64.4	63.1	.6	2.7
Food and kindred products	7.7	7.6	7.7	.8	-.1
Bakery products	1.7	1.7	1.8	.0	-2.2
Beverages	1.6	1.6	1.7	.4	-3.4
Apparel and other textile products	5.2	5.4	4.8	-2.7	8.3
Paper and allied products	5.1	5.0	4.8	1.3	5.4
Printing and publishing	15.2	15.3	14.8	-.7	2.7
Chemicals and allied products	14.3	14.2	14.4	.6	-.3
Industrial inorganic chemicals	3.2	3.2	3.2	.2	-.6
Rubber and misc. plastics products	11.1	11.0	10.7	.9	4.3
NONMANUFACTURING[g]	626.8	620.2	630.7	1.1	-.6
CONSTRUCTION	25.3	24.8	26.4	2.2	-4.0
TRANSPORTATION AND PUBLIC UTILITIES	42.0	41.6	42.1	1.0	-.3
Communication, electric, gas services	19.7	19.6	20.2	.5	-2.5
WHOLESALE TRADE	58.1	57.5	58.7	1.0	-1.0
RETAIL TRADE	136.2	134.5	136.2	1.3	-.1
FINANCE, INSURANCE, AND REAL ESTATE	48.4	47.8	49.3	1.4	-1.7
Banking	12.6	12.6	13.5	.6	-6.6
Insurance carriers	11.7	11.5	12.1	1.8	-3.7
SERVICES	201.5	200.2	197.2	.7	2.2
GOVERNMENT	113.9	112.6	119.7	1.2	-4.8
Federal government	19.5	19.5	19.3	.2	1.3
State government (includes education)	7.9	7.6	8.1	5.0	-2.0
Local government	86.5	85.6	92.3	1.0	-6.3
Local government, except education	44.5	43.2	48.3	2.9	-7.9
Local government education	42.0	42.4	44.0	-.9	-4.5

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Cleveland area is defined as Cuyahoga, Geauga, Lake, and Medina Counties. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; stone, clay, and glass products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

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Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CLEVELAND METROPOLITAN AREA[a]
JUNE 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	June 1984[b]	May 1984[c]	June 1983[c]	June 1984[b]	May 1984[c]	June 1983[c]	June 1984[b]	May 1984[c]	June 1983[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$458.29	$454.86	$433.24	42.2	42.0	41.3	$10.86	$10.83	$10.49
Durable Goods[d]	487.49	483.23	461.05	42.8	42.5	41.8	11.39	11.37	11.03
Furniture and fixtures	343.83	319.60	323.61	42.5	40.0	40.3	8.09	7.99	8.03
Primary metal industries	542.72	544.85	496.13	42.4	42.5	40.6	12.80	12.82	12.22
Blast furnace and basic steel products	500.09	500.09	464.28	37.8	37.8	36.5	13.23	13.23	12.72
Iron and steel foundries	722.40	723.61	635.26	48.0	47.7	46.0	15.05	15.17	13.81
Nonferrous foundries	359.10	362.94	357.52	42.0	42.4	41.0	8.55	8.56	8.72
Fabricated metal products	475.66	469.09	452.61	43.4	42.8	42.3	10.96	10.96	10.70
Fabricated structural metal products	375.53	351.65	359.39	42.1	39.6	40.2	8.92	8.88	8.94
Screw machine products, bolts, etc.	441.10	438.96	410.18	45.9	45.3	42.2	9.61	9.69	9.72
Metal forgings and stampings	608.39	605.24	580.29	45.2	45.1	45.3	13.46	13.42	12.81
Machinery, except electrical	474.77	474.53	448.40	43.2	43.1	41.1	10.99	11.01	10.91
Construction and related machinery	487.75	475.19	467.28	41.3	40.1	39.3	11.81	11.85	11.89
Metalworking machinery	417.77	424.69	414.57	41.2	41.8	39.0	10.14	10.16	10.63
Special industry machinery	459.42	453.72	456.96	40.3	39.8	42.0	11.40	11.40	10.88
General industrial machinery	407.89	411.31	372.78	42.4	41.8	39.7	9.62	9.84	9.39
Electric and electronic equipment	398.78	403.34	374.86	40.2	40.7	39.5	9.92	9.91	9.49
Electrical industrial apparatus	419.35	425.54	363.21	40.4	40.8	37.1	10.38	10.43	9.79
Transportation equipment	631.13	602.99	594.10	45.9	44.6	45.7	13.75	13.52	13.00
Motor vehicles and equipment	676.17	645.98	644.33	46.6	45.3	47.1	14.51	14.26	13.68
Instruments and related products	362.23	360.77	362.44	40.7	40.4	41.9	8.90	8.93	8.65
Nondurable Goods[e]	381.64	381.36	360.70	40.6	40.7	39.9	9.40	9.37	9.04
Food and kindred products	401.10	389.50	375.66	42.0	41.0	40.7	9.55	9.50	9.23
Bakery products	426.99	426.29	373.91	43.0	42.8	39.4	9.93	9.96	9.49
Beverages	344.99	348.65	357.44	39.7	39.8	42.3	8.69	8.76	8.45
Apparel and other textile products	271.44	269.09	261.89	37.7	37.9	37.9	7.20	7.10	6.91
Paper and allied products	428.43	441.07	409.27	42.8	43.8	42.9	10.01	10.07	9.54
Printing and publishing	367.50	369.90	358.07	36.1	36.3	35.7	10.18	10.19	10.03
Chemicals and allied products	474.40	468.57	442.21	42.7	42.1	41.6	11.11	11.13	10.63
Industrial inorganic chemicals	508.38	503.58	472.06	42.4	42.0	41.3	11.99	11.99	11.43
Rubber and misc. plastics products	350.20	350.78	333.01	42.5	43.2	42.1	8.24	8.12	7.91
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	757.94	744.98	673.10	39.6	38.5	37.9	19.14	19.35	17.76
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	514.35	513.89	474.02	40.5	40.4	39.8	12.70	12.72	11.91
WHOLESALE TRADE	360.90	357.40	340.02	40.1	39.8	39.4	9.00	8.98	8.63
RETAIL TRADE[f]	180.16	173.85	174.34	29.2	28.5	29.4	6.17	6.10	5.93
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
Banking	259.27	249.32	243.70	....	....	....	....	....	....
Insurance carriers	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
Federal government	......	......	......	....	....	....	....	....	....
State government (includes education)	......	......	......	....	....	....	....	....	....
Local government	......	......	......	....	....	....	....	....	....
Local government, except education	......	......	......	....	....	....	....	....	....
Local government education	......	......	......	....	....	....	....	....	....

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[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Cleveland area is defined as Cuyahoga, Geauga, Lake, and Medina Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; stone, clay, and glass products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN COLUMBUS METROPOLITAN AREA[a]
JUNE 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	June 1984[b]	May 1984[c]	June 1983[c]	May 1984	June 1983
TOTAL	521.8	516.7	503.8	1.0	3.6
MANUFACTURING	88.1	87.2	83.5	1.1	5.5
Durable Goods[e]	57.0	56.1[h]	52.5	1.5	8.5
Stone, clay, and glass products	9.4	9.4	9.1	.2	3.0
Fabricated metal products	10.0	10.1	9.3	-1.2	7.1
Machinery, except electrical	9.9	9.8	8.9	1.1	11.4
Electric and electronic equipment	10.3	10.4	9.8	-.7	5.1
Transportation equipment	9.1	8.9	7.9	1.5	15.3
Nondurable Goods[f]	31.2	31.1	31.0	.3	.5
Food and kindred products	10.0	10.0	9.9	-.1	1.3
Printing and publishing	8.1	8.1	8.0	.1	.4
Chemicals and allied products	6.3	6.2	6.1	1.4	3.3
Rubber and misc. plastics products	2.7	2.7	2.6	1.2	3.9
NONMANUFACTURING[g]	433.6	429.5	420.2	1.0	3.2
CONSTRUCTION	16.8	15.9	16.1	6.1	4.7
TRANSPORTATION AND PUBLIC UTILITIES	23.3	23.2	22.9	.4	1.7
Communication, electric, gas services	11.1	11.1	10.9	.0	1.8
WHOLESALE TRADE	28.0	27.8	27.4	.7	2.4
RETAIL TRADE	98.2	97.6	94.4	.7	4.1
FINANCE, INSURANCE, AND REAL ESTATE	45.6	45.0	43.3	1.3	5.3
Banking	8.9	8.8	8.5	.7	4.4
Insurance carriers	18.2	18.1	18.0	.3	.9
SERVICES	118.6	116.8	114.3	1.5	3.7
GOVERNMENT	102.6	102.7	101.4	-.2	1.1
Federal government	11.6	11.5	11.4	.4	1.6
State government	47.9	48.3	48.4	-.8	-1.0
State government, except education	27.2	27.3	28.3	-.1	-3.7
State government education[i]	20.7	21.0	20.1	-1.6	2.8
Local government	43.1	43.0	41.7	.3	3.4
Local government, except education	18.1	17.5	18.1	3.6	.1
Local government education	25.0	25.5	23.6	-2.0	5.9

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Columbus area is defined as Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes. [i] Includes State Universities, State Schools for Deaf and Blind, and the State Library. Excludes hospitals, the agricultural extension service, agricultural research centers, and departments coordinating and administering education programs (notably, the Ohio Department of Education).

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN COLUMBUS METROPOLITAN AREA[a]
JUNE 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	June 1984[b]	May 1984[c]	June 1983[c]	June 1984[b]	May 1984[c]	June 1983[c]	June 1984[b]	May 1984[c]	June 1983[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$419.83	$417.15	$408.41	40.8	40.5	40.8	$10.29	$10.30	$10.01
Durable Goods[d]	428.33	429.95	431.14	40.6	40.6	41.1	10.55	10.59	10.49
Stone, clay, and glass products	398.00	394.02	395.20	40.0	39.6	40.7	9.95	9.95	9.71
Fabricated metal products	491.23	490.04	538.16	40.1	40.2	43.4	12.25	12.19	12.40
Machinery, except electrical	424.00	404.01	374.53	42.4	41.1	40.1	10.00	9.83	9.34
Electric and electronic equipment	426.18	430.97	401.30	40.9	41.4	40.7	10.42	10.41	9.86
Transportation equipment	507.10	512.98	549.63	41.6	42.5	45.2	12.19	12.07	12.16
Nondurable Goods[e]	399.64	388.73	363.31	41.2	40.2	40.1	9.70	9.67	9.06
Food and [illegible]dred products	385.90	368.00	367.08	41.9	40.0	42.0	9.21	9.20	8.74
Printing and publishing	455.34	450.30	433.47	38.2	38.0	37.4	11.92	11.85	11.59
Chemicals and allied products	458.64	451.94	406.41	42.0	41.5	40.6	10.92	10.89	10.01
Rubber and misc. plastics products	326.48	306.86	296.23	42.4	39.8	41.2	7.70	7.71	7.19
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	500.35	480.82	488.82	39.9	37.8	37.4	12.54	12.72	13.07
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	508.23	515.30	467.25	40.4	40.8	39.8	12.58	12.63	11.74
WHOLESALE TRADE	297.26	290.72	319.20	39.9	39.5	40.0	7.45	7.36	7.98
RETAIL TRADE[f]	158.34	157.30	167.70	29.0	28.6	30.0	5.46	5.50	5.59
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
Banking	239.82	240.36	235.54	....	....	....	....	....	....
Insurance carriers	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
Federal government	......	......	......	....	....	....	....	....	....
State government	......	......	......	....	....	....	....	....	....
State government, except education	......	......	......	....	....	....	....	....	....
State government education	......	......	......	....	....	....	....	....	....
Local government	......	......	......	....	....	....	....	....	....
Local government, except education	......	......	......	....	....	....	....	....	....
Local government education	......	......	......	....	....	....	....	....	....

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Columbus area is defined as Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN DAYTON METROPOLITAN AREA[a]
JUNE 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	June 1984[b]	May 1984[c]	June 1983[c]	May 1984	June 1983
TOTAL	346.7	344.5	337.4	.7	2.8
MANUFACTURING	91.4	91.2	86.0	.3	6.2
Durable Goods[e]	63.4	63.2	59.8	.3	6.0
Stone, clay, and glass products	2.1	2.0	2.0	4.8	4.7
Fabricated metal products	7.1	7.0	6.6	1.2	8.0
Machinery, except electrical	29.8	29.7	28.0	.4	6.3
Metalworking machinery	6.6	6.6	6.3	.4	6.0
Electric and electronic equipment	5.0	5.0	4.8	.0	3.9
Electrical industrial apparatus	2.9	2.9	2.8	.3	3.6
Transportation equipment	13.3	13.4	12.8	- .6	3.4
Nondurable Goods[f]	28.0	27.9	26.2	.1	6.7
Food and kindred products	2.8	2.7	2.8	1.2	- 2.4
Paper and allied products	5.8	5.8	5.1	1.2	14.2
Printing and publishing	7.4	7.4	7.1	- .5	3.7
Rubber and misc. plastics products	8.2	8.3	7.6	- 1.5	7.4
NONMANUFACTURING[g]	255.4	253.3	251.4	.8	1.6
CONSTRUCTION	10.0	9.1	9.6	10.0	3.5
TRANSPORTATION AND PUBLIC UTILITIES	13.0	12.9	12.9	1.2	.6
Communication, electric, gas services	5.7	5.7	6.0	.7	- 5.9
WHOLESALE TRADE	17.0	16.9	16.7	1.1	2.1
RETAIL TRADE	56.3	55.9	55.7	.7	1.1
FINANCE, INSURANCE, AND REAL ESTATE	14.1	14.0	13.8	.7	2.1
SERVICES	78.1	76.9	76.0	1.6	2.8
GOVERNMENT	66.5	67.5	66.3	- 1.4	.3
Federal government	26.8	26.2	26.1	2.0	2.6
State government (includes education)	6.2	5.9	6.1	5.0	2.3
Local government	33.5	35.3	34.2	- 5.1	- 1.9
Local government, except education	13.5	13.1	13.3	2.9	1.0
Local government education	20.0	22.2	20.8	- 9.8	- 3.7

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Dayton area is defined as Greene, Miami, Montgomery, and Preble Counties. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN DAYTON METROPOLITAN AREA[a]
JUNE 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	June 1984[b]	May 1984[c]	June 1983[c]	June 1984[b]	May 1984[c]	June 1983[c]	June 1984[b]	May 1984[c]	June 1983[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$463.83	$466.57	$443.52	41.9	42.3	42.0	$11.07	$11.03	$10.56
Durable Goods[d]	465.78	471.58	443.52	42.0	42.6	42.2	11.09	11.07	10.51
Stone, clay, and glass products	402.57	386.68	377.74	42.6	41.4	40.1	9.45	9.34	9.42
Fabricated metal products	338.00	381.49	335.78	40.0	43.4	40.7	8.45	8.79	8.25
Machinery, except electrical	503.01	510.12	465.00	43.4	43.9	42.7	11.59	11.62	10.89
Metalworking machinery	484.10	495.39	432.43	44.7	45.7	41.7	10.83	10.84	10.37
Electric and electronic equipment	337.77	336.18	312.44	41.7	41.3	39.7	8.10	8.14	7.87
Electrical industrial apparatus	364.91	360.80	329.43	41.8	41.0	39.5	8.73	8.80	8.34
Transportation equipment	585.48	578.45	558.15	42.0	42.1	43.1	13.94	13.74	12.95
Nondurable Goods[e]	458.16	454.69	445.12	41.5	41.6	41.6	11.04	10.93	10.70
Food and kindred products	397.52	381.47	395.39	41.8	41.6	40.1	9.51	9.17	9.86
Paper and allied products	425.54	425.80	380.09	44.7	44.4	42.9	9.52	9.59	8.86
Printing and publishing	426.92	404.77	382.66	38.6	37.9	36.1	11.06	10.68	10.60
Rubber and misc. plastics products	567.09	560.42	586.43	42.1	42.2	44.8	13.47	13.28	13.09
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	534.89	494.41	541.93	39.1	36.3	39.1	13.68	13.62	13.86
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	494.90	481.98	465.06	40.4	39.8	40.3	12.25	12.11	11.54
WHOLESALE TRADE	360.40	356.17	337.41	42.6	42.1	41.4	8.46	8.46	8.15
RETAIL TRADE[f]	161.37	160.56	159.67	29.5	29.3	29.9	5.47	5.48	5.34
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
Federal government	......	......	......	....	....	....	....	....	....
State government (includes education)	......	......	......	....	....	....	....	....	....
Local government	......	......	......	....	....	....	....	....	....
Local government, except education	......	......	......	....	....	....	....	....	....
Local government education	......	......	......	....	....	....	....	....	....

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Dayton area is defined as Greene, Miami, Montgomery, and Preble Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN TOLEDO METROPOLITAN AREA[a]
JUNE 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	June 1984[b]	May 1984[c]	June 1983[c]	May 1984	June 1983
TOTAL	291.2	294.3	281.1	- 1.1	3.6
MANUFACTURING	75.3	75.7	68.8	- .5	9.4
Durable Goods[e]	59.2	59.5	53.2	- .5	11.2
Stone, clay, and glass products	11.3	11.4	11.3	- 1.3	- .3
Primary metal industries	4.0	4.0	3.8	- .4	5.6
Fabricated metal products	8.6	8.7	7.7	- 1.0	12.4
Metal forgings and stampings	4.0	4.2	3.4	- 3.5	17.1
Machinery, except electrical	6.5	6.4	6.1	1.2	7.2
General industrial machinery	1.6	1.6	1.7	.6	- 5.0
Transportation equipment	20.8	20.8	17.0	- .2	22.6
Motor vehicles and equipment	19.5	19.6	15.8	- .3	23.8
Nondurable Goods[f]	16.2	16.2	15.6	- .4	3.4
Food and kindred products	4.0	4.0	4.2	1.7	- 3.3
Rubber and misc. plastics products	4.4	4.5	3.3	- 1.8	35.7
NONMANUFACTURING[g]	215.8	218.6	212.2	- 1.3	1.7
CONSTRUCTION	10.1	9.8	10.5	3.1	- 4.7
TRANSPORTATION AND PUBLIC UTILITIES	17.7	17.7	17.8	.0	- .5
Communication, electric, gas services	7.5	7.5	7.8	.4	- 4.1
WHOLESALE TRADE	14.5	14.4	14.6	1.1	- .4
RETAIL TRADE	50.4	49.9	50.3	1.0	.3
FINANCE, INSURANCE, AND REAL ESTATE	11.0	11.0	10.8	- .1	1.8
SERVICES	66.5	66.3	64.3	.2	3.5
GOVERNMENT	45.2	49.1	43.5	- 7.9	3.8
State government (includes education)	11.9	15.3	11.9	- 22.1	.6
Local government	30.5	31.0	28.9	- 1.6	5.3
Local government, except education	13.0	12.4	12.1	4.5	7.3
Local government education	17.5	18.5	16.8	- 5.7	3.8

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[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Toledo area is defined as Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; electric and electronic equipment; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN TOLEDO METROPOLITAN AREA[a]
JUNE 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	June 1984[b]	May 1984[c]	June 1983[c]	June 1984[b]	May 1984[c]	June 1983[c]	June 1984[b]	May 1984[c]	June 1983[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$500.98	$505.61	$470.11	43.3	43.7	42.2	$11.57	$11.57	$11.14
Durable Goods[d]	526.59	531.85	490.33	43.7	44.1	42.6	12.05	12.06	11.51
Stone, clay, and glass products	506.97	512.46	482.94	43.0	43.8	42.7	11.79	11.70	11.31
Primary metal industries	486.83	487.08	443.59	44.5	44.2	42.9	10.94	11.02	10.34
Fabricated metal products	480.44	475.58	462.64	43.4	43.0	42.6	11.07	11.06	10.86
Metal forgings and stampings	538.82	521.37	525.31	43.7	42.7	43.2	12.33	12.21	12.16
Machinery, except electrical	436.80	449.20	409.37	41.6	42.7	39.4	10.50	10.52	10.39
General industrial machinery	445.11	462.38	457.80	40.1	41.1	38.6	11.10	11.25	11.86
Transportation equipment	628.31	632.49	561.17	45.3	45.7	43.2	13.87	13.84	12.99
Motor vehicles and equipment	631.06	633.40	561.60	45.4	45.7	43.2	13.90	13.86	13.00
Nondurable Goods[e]	401.28	404.07	402.78	41.8	42.4	41.1	9.60	9.53	9.80
Food and kindred products	453.02	444.35	433.87	42.9	42.4	43.0	10.56	10.48	10.09
Rubber and misc. plastics products	334.51	342.77	322.00	41.4	42.9	40.1	8.08	7.99	8.03
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	628.62	645.13	615.00	38.9	38.7	37.5	16.16	16.67	16.40
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	499.80	500.61	467.48	40.7	40.7	40.3	12.28	12.30	11.60
WHOLESALE TRADE	325.31	338.45	339.07	36.8	38.2	38.4	8.84	8.86	8.83
RETAIL TRADE[f]	163.00	161.84	162.88	28.9	28.9	29.4	5.64	5.60	5.54
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
State government (includes education)	......	......	......	....	....	....	....	....	....
Local government	......	......	......	....	....	....	....	....	....
Local government, except education	......	......	......	....	....	....	....	....	....
Local government education	......	......	......	....	....	....	....	....	....

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[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Toledo area is defined as Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; furniture and fixtures; electric and electronic equipment; instruments and related products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN YOUNGSTOWN-WARREN METROPOLITAN AREA[a]
JUNE 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	June 1984[b]	May 1984[c]	June 1983[c]	May 1984	June 1983
TOTAL	182.4	183.1	179.4	-.4	1.7
MANUFACTURING	55.5	55.8	53.3	-.5	4.2
Durable Goods[e]	50.3	50.5	48.3	-.6	4.1
Stone, clay, and glass products	1.6	1.8	1.6	-10.6	-1.4
Primary metal industries	23.4	23.4	22.1	-.1	5.6
Blast furnace and basic steel products	9.5	9.5	8.8	.3	8.3
Fabricated metal products	8.5	8.6	7.7	-1.3	9.8
Fabricated structural metal products	2.0	2.0	1.9	.7	7.1
Machinery, except electrical	3.8	3.7	3.8	2.2	.0
Metalworking machinery	1.5	1.5	1.8	4.1	-14.0
Electric and electronic equipment	2.7	2.7	2.6	-1.8	3.1
Transportation equipment	8.8	8.8	9.0	-.9	-2.3
Nondurable Goods[f]	5.2	5.2	5.0	-.1	4.5
NONMANUFACTURING[g]	126.9	127.3	126.1	-.3	.6
CONSTRUCTION	5.3	5.0	5.2	6.3	1.4
TRANSPORTATION AND PUBLIC UTILITIES	7.5	7.4	7.6	1.3	-1.5
Communication, electric, gas services	3.1	3.1	3.3	.4	-5.6
WHOLESALE TRADE	7.8	7.8	7.7	.7	1.3
RETAIL TRADE	34.1	33.9	34.4	.6	-1.1
FINANCE, INSURANCE, AND REAL ESTATE	7.3	7.3	7.2	1.0	1.4
SERVICES	40.6	40.4	39.5	.5	2.8
GOVERNMENT	23.7	25.0	23.7	-5.4	-.2
Local government (includes education)	17.8	19.2	17.9	-7.5	-.8

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Youngstown-Warren area is defined as Mahoning and Trumbull Counties. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; instruments and related products; miscellaneous manufacturing. [f] Includes food and kindred products; tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and misc. plastics products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN YOUNGSTOWN–WARREN METROPOLITAN AREA[a]

JUNE 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	June 1984[b]	May 1984[c]	June 1983[c]	June 1984[b]	May 1984[c]	June 1983[c]	June 1984[b]	May 1984[c]	June 1983[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$554.70	$556.84	$510.46	43.0	43.3	41.4	$12.90	$12.86	$12.33
Durable Goods[d]	568.06	572.03	523.74	43.1	43.5	41.6	13.18	13.15	12.59
Stone, clay, and glass products	376.71	359.04	364.97	39.2	38.4	39.8	9.61	9.35	9.17
Primary metal industries	565.68	556.49	515.87	41.2	41.1	39.5	13.73	13.54	13.06
Blast furnace and basic steel products	535.70	525.63	481.34	40.4	39.7	36.8	13.26	13.24	13.08
Fabricated metal products	589.43	663.14	559.82	43.5	46.7	42.8	13.55	14.20	13.08
Fabricated structural metal products	403.61	440.37	430.20	39.3	42.1	40.7	10.27	10.46	10.57
Machinery, except electrical	481.12	464.13	455.51	41.8	40.5	38.8	11.51	11.46	11.74
Metalworking machinery	499.21	466.49	480.80	44.1	41.8	41.2	11.32	11.16	11.67
Electric and electronic equipment	425.59	446.46	392.78	41.4	43.9	41.0	10.28	10.17	9.58
Transportation equipment	683.32	667.51	623.13	48.6	48.3	47.1	14.06	13.82	13.23
Nondurable Goods[e]	403.85	373.83	367.48	42.6	40.9	39.9	9.48	9.14	9.21
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	612.68	579.96	564.99	38.9	36.0	37.0	15.75	16.11	15.27
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	491.62	482.79	447.60	40.9	40.3	40.0	12.02	11.98	11.19
WHOLESALE TRADE	335.01	333.44	317.19	36.1	35.7	35.8	9.28	9.34	8.86
RETAIL TRADE[f]	168.17	169.64	165.39	29.4	29.4	29.8	5.72	5.77	5.55
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
Local government (includes education)	......	......	......	....	....	....	....	....	....

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Youngstown–Warren area is defined as Mahoning and Trumbull Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; furniture and fixtures; instruments and related products; miscellaneous manufacturing. [e] Includes food and kindred products; tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and misc. plastics products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

NOTES ON OHIO EMPLOYMENT, HOURS, AND EARNINGS ESTIMATES

Civilian Labor Force Estimates

Civilian Labor Force.—Estimated number of workers 16 years of age and over, employed or unemployed during week including 12th of month, distributed by place of residence.

Total Employed.—Includes nonagricultural wage and salary workers, the self-employed, unpaid family workers, domestics, agricultural workers, and persons involved in labor disputes. Estimates of self-employed, domestics, and unpaid family workers based on data from U.S. Department of Labor and Bureau of the Census. Agricultural worker estimates derived from information supplied by U.S. Department of Agriculture. Estimates of workers involved in labor disputes based in part upon data from Federal Mediation and Conciliation Service. Employment distributed by place of residence.

Total Unemployed.—Estimated number of persons, by place of residence, who did not work during reference week and were looking for work, whether or not eligible for unemployment compensation. Includes those who did not work and were waiting to be called back to an old job or to report to a new job.

Nonagricultural Wage and Salary Employment

Collection.—Nonagricultural wage and salary employment as well as hours and earnings estimates based on monthly reports from sample of employers. Under cooperative arrangement with U.S. Bureau of Labor Statistics, Division of Research and Statistics of Ohio Bureau of Employment Services mails, edits, and processes Ohio reports, which are subsequently incorporated in national data.

Industrial Classification.—Employer establishments classified by industry on basis of their principal product or service. The Standard Industrial Classification Manual (U.S. Office of Management and Budget, Washington, D. C., 1972, amended 1977) used for classification.

Coverage.—Monthly reports on employment and (for most industries) payroll and hours obtained from approximately 8,000 Ohio employers.

Coverage of Ohio Nonagricultural Employment Sample

Industry Division	Approximate Percentage Covered by Sample
Total	43
Manufacturing	62
Nonmanufacturing	35
Mining	63
Construction	24
Transportation and Public Utilities	47
Wholesale Trade	19
Retail Trade	18
Finance, Insurance, and Real Estate	47
Services and Miscellaneous	21
Government	68

Nonagricultural Employment.—Persons who worked during, or received pay for, any part of pay periods which include 12th of month, distributed by place of employment. Includes persons on paid sick leave, paid holiday, or paid vacation. Excluded are persons laid off, on strike, or on unpaid vacation during entire reporting period. Proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers also excluded. Government employment covers only civilian employees. Full-time teachers considered employed during the summer vacation period, whether or not paid in those months.

Estimating Method.—Total employment is estimated from the employment of establishments reporting for two consecutive months, as follows:

$$\underset{\text{(current month)}}{\text{Total Employment}} = \underset{\text{(previous month)}}{\text{Total Employment}} \times \frac{\text{Sample Employment (current month)}}{\text{Sample Employment (previous month)}}$$

Benchmark Data.—Employment estimates compared annually with complete count of employment, by industry. Where revisions necessary, monthly estimates adjusted to new benchmark. Following revisions to new benchmark, industry data projected forward to current month by use of sample trends. Basic source of benchmark information is tabulations of employment data, by industry and area, compiled from contribution reports of employers covered under Ohio Unemployment Compensation Law.

Hours and Earnings

Method of Computing Averages.—Average hours computed by dividing total production worker hours worked during one week (the seven-day periods which include 12th of month) by number of production workers reported for such week. Average hourly earnings computed by dividing total production worker payroll for one week by total production worker hours for week. Average weekly earnings derived by multiplying average hourly earnings by average weekly hours.

Definitions.—Definitions of production or similar workers, payroll, and hours—from which average hours and earnings data are derived—follow:

Production Workers.—Includes working supervisors and all nonsupervisory workers (including group leaders and trainees) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping, maintenance, repair, janitorial and guard services, product development, auxiliary production for plant's own use (such as power plant), and record keeping and other services closely associated with production operations.

Nonsupervisory Workers.—Includes employees (not above working supervisory level) such as office and clerical workers, repairers, salespersons, operators, drivers, attendants, service employees, line installers, laborers, accountants, janitors, guards, and other employees whose services are closely associated with those of occupations listed.

Payroll.—Represents payroll for full- and part-time production, construction, or nonsupervisory workers who received pay for any part of pay periods which include 12th of month. Payroll is reported before deductions for social security, group insurance, withholding tax, bonds, and union dues; also includes pay for overtime, holidays, vacations, and sick leave paid directly by the firm. Bonuses (unless earned and paid regularly each pay period), tips, pay not earned in pay period reported (such as retroactive pay), and value of free rent, fuel, meals, or other payments in kind, excluded.

Hours.—Represents hours worked or paid for, during pay periods which include 12th of month, for production, construction, or nonsupervisory workers. Hours include time paid for holidays and vacations, and for sick leave when pay received directly from firm.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

Ohio Labor Market Information
BUREAU OF EMPLOYMENT SERVICES
JOB SERVICE OF OHIO

RICHARD F. CELESTE, *Governor*
DR. ROBERTA STEINBACHER, *Administrator*

8/27/84 S6270-1 A

EMPLOYMENT, HOURS, AND EARNINGS IN OHIO
JULY 1984

Summary: Ohio's seasonally adjusted unemployment rate was 8.7 percent in July, down from 9.0 percent of the civilian labor force in June. The unadjusted rate dropped from 9.0 percent in June to 8.4 percent in July, as actual unemployment was down 22,000, to 447,000. Total employment advanced 2.8 percent, to 4,845,000. Nonfarm wage and salary workers numbered 4,179,000 in July, down 1.0 percent from June. The decline was largely the result of layoffs of nonteaching school personnel in state and local government. Average weekly earnings and hours for factory workers were slightly below June levels.

Factory Employment: Ohio manufacturers employed 1,118,000 workers in July--down .3 percent from June. Durable-goods industries accounted for most of the decline. Partial shutdowns were reported in some automobile plants and scattered decreases occurred in metal forgings and stampings. Among producers of nondurable goods, employment declined in food processing, plastics production, and apparel.

Nonmanufacturing: Ohio nonmanufacturing employment dropped sharply as public and private nonteaching school personnel were furloughed for the summer. Nonfactory employment numbered 3,060,000 in July, down nearly 39,000 from June. Retail trade also showed a net decline in July. Seasonal hiring boosted employment in construction, nonschool local government, and business and health services.

Factory Hours and Earnings: Ohio's factory production workers averaged $456.04 per week in July, down nearly $4 from June. The average workweek--41.8 hours--was .3 hours shorter. Auto manufacturers reported mass vacations and some layoffs for retooling for 1985 models. Vacations and less overtime resulted in lower hours and earnings for workers in metal forgings and stampings, iron and steel foundries, and blast furnaces and basic steel works. Increased overtime lifted hours and earnings in nonferrous rolling and drawing and aircraft and parts establishments.

Over the Year: Between July 1983 and July 1984, the unadjusted unemployment rate for Ohio fell from 10.9 to 8.4 percent of the civilian labor force. Total employment advanced 2.9 percent over the year while nonfarm payrolls gained 2.4 percent. Durable-goods manufacturers accounted for nearly half of the change, although employment was up in almost every manufacturing industry. Most nonmanufacturers also showed over-the-year increases. Factory production workers averaged .8 hours per week and $.36 per hour more in July 1984 than in July 1983, lifting weekly earnings more than $23 over the year.

For additional information, write DIXIE SOMMERS, *Director*
Labor Market Information Division, BUREAU OF EMPLOYMENT SERVICES, COLUMBUS 43216

EMPLOYMENT, HOURS, AND EARNINGS IN MAJOR METROPOLITAN AREAS

Akron.--Akron's nonagricultural wage and salary employment totaled 250,900 in July, up 1,100 from June. Seasonal increases in construction, services, and retailing accounted for the overall gain, as layoffs of local school nonteaching personnel offset a sizable increase in state government education. Manufacturing was virtually unchanged in July at 67,800. Production workers in factories earned $10.75 per hour in July, down 12¢ from June. Their average workweek was 43.6 hours, down .2 hours.

Canton.--Nonfarm establishments in Canton employed 147,900 in July, down 800 from the June level. Nonmanufacturing accounted for the decrease as summer furloughs of nonfaculty school personnel more than offset seasonal gains in construction and retail trade. Manufacturing employment, at 45,300, was unchanged from June. Factory production workers averaged $10.92 per hour for a workweek of 40.1 hours, down 7¢ and .2 hours from June.

Cincinnati.--June wage and salary employment in Cincinnati's nonagricultural industries dropped 5,700, to 589,800 in July. Most of the loss occurred in nonmanufacturing with seasonal declines in state and local government education overshadowing gains in construction and finance, insurance, and real estate. Factory employment, at 145,800 in July, was little changed from June. Factory production workers earned $10.49 per hour, down 2¢ from June. Their average workweek, at 41.2 hours, dropped .4 hours.

Cleveland.--Nonagricultural wage and salary employment in the Cleveland area dropped to 833,900 in July, down 4,700 from June. Much of the decline occurred in nonmanufacturing, due to losses in local government education, retail trade, and services. Manufacturing employment, at 209,800, was down 1,800 from the previous month. Production workers in factories grossed $10.69 per hour, down 13¢ from June. The workweek, at 41.0 hours in July, was down one hour.

Columbus.--Nonfarm payroll employment in Columbus dropped 9,200 from June, to 514,400. Despite a seasonal increase in construction, nonmanufacturing accounted for most of the change, due to declines in state and local government education. Manufacturing employment, at 88,200, was down 200 for the month. Factory production workers earned $10.24 per hour in July, down 2¢ from June. Their average workweek of 40.7 hours was unchanged.

Dayton.--Dayton's nonfarm payroll employment was down 3,100 in July, to 343,300. The decrease occurred mainly in nonmanufacturing, with losses in nonfaculty school personnel and retailing. Manufacturing employment, at 91,300, was down slightly from June. Production workers in factories earned $11.22 for a workweek of 43.0 hours in July, up 13¢ and .7 hours from June.

Toledo.--Nonagricultural wage and salary employment in Toledo declined to 286,400 in July, 4,900 below the June level. Most of the loss was due to seasonal decreases in state and local government education. Declines in nondurable-goods employment reduced manufacturing slightly to 75,000 in July. Factory production workers averaged $11.60 per hour in July, down 6¢ from June. Their workweek, at 43.2 hours, was down .1 hours.

Youngstown-Warren.--Nonfarm payroll employment in Youngstown-Warren fell 1,100 from June, to 181,600 in July. Nonmanufacturing accounted for the decline, due to seasonal cutbacks in state and local government education. Manufacturing employment rose 200 in July, to 55,800. Production workers earned $13.06 per hour in July, an increase of 21¢. Their workweek was up 1.3 hours, to 44.2.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 8-17-84

EMPLOYMENT IN MAJOR METROPOLITAN AREAS[a]

Year and Month	Akron[b]	Canton[c]	Cincinnati[d]	Cleveland[e]	Columbus[f]	Dayton[g]	Toledo[h]	Youngstown-Warren[j]
NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT (in thousands)								
1973	255.1	147.9	534.5	865.2	451.0	335.6	285.8	211.6
1974	259.0	152.1	542.2	879.2	457.6	334.9	285.6	213.5
1975	248.4	145.0	531.2	850.6	445.4	321.4	275.5	200.7
1976	247.3	145.9	541.9	860.0	456.1	331.5	282.6	203.5
1977	259.3	149.8	562.1	880.9	471.6	343.1	292.1	208.0
1978	266.6	156.1	591.2	905.8	493.8	358.5	302.1	210.3
1979	270.9	160.7	607.4	919.8	507.3	364.9	306.0	213.9
1980	262.4	157.1	600.6	895.6	509.8	355.7	293.1	203.1
1981	259.6	156.6	592.2	880.7	506.6	352.5	290.9	198.7
1982	248.8	148.6	575.3	844.6	495.1	336.3	281.9	180.6
1983	245.0	143.6	573.7	826.0	500.0	335.4	281.0	177.6
1983								
July	245.4	144.5	573.0	832.8	498.0	331.4	277.6	178.9
August ..	244.3	143.9	571.8	825.5	496.3	331.4	277.5	177.3
September	251.3	146.1	580.8	834.9	504.9	340.7	287.3	182.3
October .	250.3	145.9	584.0	835.5	512.6	342.1	289.6	181.3
November.	251.4	146.7	585.5	835.7	514.7	343.9	291.1	182.0
December.	250.9	146.7	583.8	837.9	515.7	344.3	291.1	182.0
1984								
January .	243.2	143.3	573.1	819.0	503.8	339.3	284.3	178.4
February.	245.4	143.8	572.2	817.5	505.9	339.8	286.4	178.4
March ...	246.4	145.0	576.7	821.2	509.1	341.2	288.2	179.0
April ...	249.7	146.8	584.2	825.8	514.0	343.8	291.5	181.0
May	253.2	147.8	590.0	831.3	516.7	344.5	294.3	183.1
June	249.9	148.6	595.5	838.6	523.5	346.4	291.3	182.7
July	250.9	147.9	589.8	833.9	514.4	343.3	286.4	181.6
MANUFACTURING EMPLOYMENT (in thousands)								
1973	94.0	61.7	165.5	288.1	106.0	117.7	93.4	93.0
1974	94.2	62.2	166.6	287.1	104.3	113.1	89.8	92.0
1975	84.5	55.3	153.9	260.3	93.1	100.1	80.7	80.8
1976	80.3	54.8	155.6	265.1	94.2	104.0	84.8	80.6
1977	85.6	56.0	161.1	270.8	98.9	109.2	88.2	81.1
1978	85.9	57.1	169.2	275.6	101.2	112.0	90.5	79.4
1979	85.6	59.1	173.1	276.3	101.1	109.5	88.6	79.9
1980	79.1	55.7	162.4	254.9	96.8	99.4	75.4	70.8
1981	75.7	54.8	157.3	246.8	93.1	97.8	74.6	67.3
1982	68.3	47.6	146.3	223.0	85.9	87.6	69.0	52.9
1983	65.1	43.6	140.7	207.6	84.0	86.2	69.1	53.0
1983								
July	65.5	44.3	140.0	206.2	83.5	85.2	68.9	53.9
August ..	65.6	44.1	141.8	206.5	84.3	86.1	70.0	53.1
September	66.0	44.6	141.4	209.9	85.3	88.6	72.7	55.2
October .	66.1	44.2	144.2	210.9	86.6	88.7	73.2	54.9
November.	66.4	44.8	144.8	211.6	86.8	89.8	73.9	55.2
December.	66.2	44.9	141.7	212.1	86.2	90.2	74.0	55.6
1984								
January .	66.1	44.7	143.2	211.6	86.2	90.4	74.6	55.8
February.	66.5	44.9	143.3	211.2	87.0	90.9	75.5	55.6
March ...	66.7	45.5	144.1	211.6	87.0	91.1	75.7	55.4
April ...	67.0	45.4	144.6	210.6	87.4	91.4	75.8	55.8
May	67.5	45.3	145.0	210.9	87.2	91.2	75.7	55.8
June	67.9	45.3	145.9	211.6	88.4	91.4	75.5	55.6
July	67.8	45.3	145.8	209.8	88.2	91.3	75.0	55.8

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. [b] Akron includes Portage and Summit Counties. [c] Canton includes Carroll and Stark Counties. [d] Cincinnati includes Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. [e] Cleveland includes Cuyahoga, Geauga, Lake, and Medina Counties. [f] Columbus includes Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. [g] Dayton includes Greene, Miami, Montgomery, and Preble Counties. [h] Toledo includes Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. [j] Youngstown-Warren includes Mahoning and Trumbull Counties.

Labor Market Information Division
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Columbus 43216

MANUFACTURING PRODUCTION WORKERS AND AVERAGE WEEKLY HOURS IN MAJOR METROPOLITAN AREAS[a]

Year and Month	Akron[b]	Canton[c]	Cincinnati[d]	Cleveland[e]	Columbus[f]	Dayton[g]	Toledo[h]	Youngstown–Warren[j]
	MANUFACTURING PRODUCTION WORKERS (in thousands)							
1973	55.5	46.3	115.2	200.4	74.1	85.0	66.5	75.6
1974	56.1	46.9	115.3	199.5	71.2	79.5	63.1	74.2
1975	48.4	40.5	106.3	176.0	64.2	70.9	55.1	63.3
1976	44.5	40.4	107.8	180.9	65.4	73.4	59.3	63.3
1977	49.2	41.1	110.7	184.0	68.6	75.7	62.8	63.6
1978	49.4	42.2	116.4	188.0	70.1	77.5	64.1	62.5
1979	53.8	43.2	117.0	188.6	69.1	74.4	61.7	62.5
1980	47.5	40.1	106.6	169.2	64.6	65.5	49.6	54.1
1981	43.7	39.6	103.5	161.8	61.3	64.4	49.2	50.8
1982	36.9	33.3	95.5	141.8	55.1	55.6	45.2	38.1
1983	35.6	30.8	92.2	132.1	54.2	54.9	47.2	39.3
1983								
July	35.8	31.3	91.4	130.4	53.8	53.7	47.0	40.2
August ..	36.1	31.2	93.4	131.2	54.5	54.4	48.3	39.4
September	36.4	31.6	93.1	134.8	55.5	57.0	50.9	41.7
October .	36.5	31.4	95.9	135.8	56.7	57.4	51.6	41.5
November.	37.0	31.9	96.8	136.7	56.8	58.3	52.5	41.8
December.	36.8	32.1	93.8	137.0	56.6	58.7	52.7	42.2
1984								
January .	36.8	31.7	95.4	136.5	56.8	58.8	53.3	42.3
February.	37.1	31.8	95.5	136.3	57.4	59.3	54.2	42.2
March ...	37.1	32.4	96.3	136.7	57.3	59.3	54.4	42.1
April ...	37.4	32.4	96.5	135.6	57.7	59.7	54.6	42.4
May	37.7	32.3	96.5	135.7	57.5	59.4	54.5	42.4
June	37.8	32.3	97.3	136.3	58.6	59.5	54.3	42.2
July	37.6	32.2	97.0	134.3	58.4	59.1	53.7	42.3
	MANUFACTURING PRODUCTION WORKERS' AVERAGE WEEKLY HOURS							
1973	43.0	41.0	42.2	43.2	40.8	43.3	43.1	42.9
1974	42.3	40.1	41.4	42.1	39.7	41.0	41.2	40.7
1975	41.1	39.4	40.8	40.4	39.6	41.3	40.4	38.6
1976	42.1	39.6	41.1	41.9	40.1	43.2	41.5	39.5
1977	42.3	39.7	41.6	42.8	40.3	43.5	42.7	40.4
1978	42.3	40.3	42.1	42.9	40.4	42.8	42.4	41.4
1979	41.6	40.9	41.5	42.2	40.1	42.1	40.9	40.7
1980	41.5	39.0	41.2	40.6	39.5	41.5	40.6	39.9
1981	41.8	40.0	41.1	41.1	40.0	41.4	40.9	40.8
1982	41.0	38.6	40.5	39.9	39.8	40.0	41.1	39.3
1983	43.1	39.6	41.1	40.9	40.7	41.9	42.9	42.1
1983								
July	42.4	38.8	40.9	40.6	40.5	42.1	41.9	42.7
August ..	42.9	39.2	40.8	41.0	40.5	42.1	42.6	41.3
September	43.5	40.8	41.3	41.7	40.8	43.0	43.9	42.4
October .	43.2	40.2	41.3	41.5	41.0	42.7	43.9	43.9
November.	44.0	40.7	42.0	41.8	41.6	42.8	44.5	43.6
December.	45.5	40.8	42.4	42.3	42.3	43.9	44.5	43.2
1984								
January .	43.9	40.4	41.7	41.9	41.2	43.2	43.1	44.7
February.	43.9	41.0	41.5	42.2	40.4	42.8	43.5	43.8
March ...	43.7	40.8	41.8	42.3	40.4	42.8	43.8	44.9
April ...	43.8	40.5	42.1	42.3	40.5	43.0	43.7	43.5
May	43.4	40.6	41.6	42.0	40.5	42.3	43.7	43.3
June	43.8	40.3	41.6	42.0	40.7	42.3	43.3	42.9
July	43.6	40.1	41.2	41.0	40.7	43.0	43.2	44.2

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. [b] Akron includes Portage and Summit Counties. [c] Canton includes Carroll and Stark Counties. [d] Cincinnati includes Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. [e] Cleveland includes Cuyahoga, Geauga, Lake, and Medina Counties. [f] Columbus includes Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. [g] Dayton includes Greene, Miami, Montgomery, and Preble Counties. [h] Toledo includes Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. [j] Youngstown–Warren includes Mahoning and Trumbull Counties. [k] Not comparable to prior data due to change in sample composition.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

EARNINGS IN MAJOR METROPOLITAN AREAS[a]

Year and Month	Akron[b]	Canton[c]	Cincinnati[d]	Cleveland[e]	Columbus[f]	Dayton[g]	Toledo[h]	Youngstown-Warren[j]
	MANUFACTURING PRODUCTION WORKERS' AVERAGE HOURLY EARNINGS							
1973	$ 4.99	$ 4.80	$ 4.44	$ 4.83	$ 4.36	$ 5.00	$ 5.01	$ 5.29
1974	5.28	5.24	4.82	5.21	4.73	5.29	5.39	5.80
1975	5.66	5.64	5.19	5.63	5.18	5.73	5.80	6.39
1976	6.02	6.18	5.65	6.22	5.64	6.28	6.32	7.02
1977	6.75	6.88	6.27	6.84	6.08	6.92	7.00	7.76
1978	7.19	7.56	6.81	7.50	6.55	7.38	7.53	8.54
1979	7.73	8.09	7.31	8.00	7.05	8.00	8.14	9.27
1980	8.72	8.79	8.06	8.63	7.73	8.65	8.90	10.27
1981	9.50	9.76	8.78	9.62	8.67	9.61	9.93	11.62
1982	9.83	10.22	9.57	10.10	9.31	10.02	10.89	11.72
1983	10.49	10.66	10.11	10.45	9.97	10.61	11.28	12.38
1983								
July	10.35	10.59	10.12	10.43	10.04	10.72	11.16	12.54
August ..	10.40	10.75	10.18	10.42	9.95	10.58	11.25	12.25
September	10.61	10.64	10.10	10.57	10.06	10.80	11.40	12.40
October .	10.82	10.78	10.23	10.55	10.11	10.86	11.43	12.58
November.	10.85	10.84	10.34	10.62	10.14	10.91	11.57	12.54
December.	11.01	10.88	10.29	10.68	10.35	11.11	11.57	12.68
1984								
January .	10.77	10.85	10.39	10.70	10.33	11.07	11.42	12.89
February.	10.75	10.91	10.37	10.76	10.23	11.04	11.48	12.66
March ...	10.79	10.89	10.45	10.81	10.20	11.12	11.58	13.09
April ...	10.76	10.90	10.58	10.82	10.22	11.12	11.58	12.88
May	10.82	11.04	10.50	10.83	10.30	11.03	11.57	12.86
June	10.87	10.99	10.51	10.82	10.26	11.09	11.66	12.85
July	10.75	10.92	10.49	10.69	10.24	11.22	11.60	13.06
	MANUFACTURING PRODUCTION WORKERS' AVERAGE WEEKLY EARNINGS							
1973	$214.57	$196.80	$187.37	$208.66	$177.89	$216.50	$215.93	$226.94
1974	223.34	210.12	199.55	219.34	187.78	216.89	222.07	236.06
1975	232.63	222.22	211.75	227.45	205.13	236.65	234.32	246.65
1976	253.44	244.73	232.22	260.62	226.16	271.30	262.28	277.29
1977	285.53	273.14	260.83	292.75	245.02	301.02	298.90	313.50
1978	304.14	304.67	286.70	321.75	264.62	315.86	319.27	353.56
1979	321.57	330.88	303.37	337.60	282.71	336.80	332.93	377.29
1980	361.88	342.81	332.07	350.38	305.34	358.98	361.34	409.77
1981	397.10	390.40	360.86	395.38	346.80	397.85	406.14	474.10
1982	403.03	394.49	387.59	402.99	370.54	400.80	447.58	460.60
1983	452.12	422.14	415.52	427.41	405.78	444.56	483.91	521.20
1983								
July	438.84	410.89	413.91	423.46	406.62	451.31	467.60	535.46
August ..	446.16	421.40	415.34	427.22	402.98	445.42	479.25	505.93
September	461.54	442.27	417.13	440.77	410.45	464.40	500.46	525.76
October .	467.42	433.36	422.50	437.83	414.51	463.72	501.78	552.26
November.	477.40	441.19	434.28	443.92	421.82	466.95	514.87	546.74
December.	500.96	443.90	436.30	451.76	437.81	487.73	514.87	547.78
1984								
January .	472.80	438.34	433.26	448.33	425.60	478.22	492.20	576.18
February.	471.93	447.31	430.36	454.07	413.29	472.51	499.38	554.51
March ...	471.52	444.31	436.81	457.26	412.08	475.94	507.20	587.74
April ...	471.29	441.45	445.42	457.69	413.91	478.16	506.05	560.28
May	469.59	448.22	436.80	454.86	417.15	466.57	505.61	556.84
June	476.11	442.90	437.22	454.44	417.58	469.11	504.88	551.27
July	468.70	437.89	432.19	438.29	416.77	482.46	501.12	577.25

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. [b] Akron includes Portage and Summit Counties. [c] Canton includes Carroll and Stark Counties. [d] Cincinnati includes Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. [e] Cleveland includes Cuyahoga, Geauga, Lake, and Medina Counties. [f] Columbus includes Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. [g] Dayton includes Greene, Miami, Montgomery, and Preble Counties. [h] Toledo includes Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. [j] Youngstown-Warren includes Mahoning and Trumbull Counties.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

BEST AVAILABLE COPY

CIVILIAN LABOR FORCE ESTIMATES FOR MAJOR METROPOLITAN AREAS[a]
(In thousands)

Year and Month	Civilian Labor Force	Total Employed	Unemployed		Year and Month	Civilian Labor Force	Total Employed	Unemployed	
			Total Unemployed	Unemploy-ment Rate				Total Unemployed	Unemploy-ment Rate
AKRON[b]					CANTON[c]				
1973	287.1	274.9	12.2	4.3	1973	171.2	163.1	8.1	4.7
1974	290.8	277.7	13.0	4.5	1974	175.6	167.5	8.1	4.6
1975	292.0	264.3	27.7	9.5	1975	174.7	158.0	16.7	9.6
1976	291.3	266.3	25.0	8.6	1976	174.4	158.6	15.8	9.1
1977	294.2	274.7	19.5	6.6	1977	175.9	163.1	12.9	7.3
1978	298.9	282.2	16.7	5.6	1978	179.9	170.0	9.9	5.5
1979	303.8	285.4	18.4	6.1	1979	184.3	173.7	10.6	5.7
1980	304.5	278.3	26.2	8.6	1980	187.7	170.9	16.8	8.9
1981	304.1	274.9	29.1	9.6	1981	188.4	170.1	18.2	9.7
1982	303.9	268.0	35.9	11.8	1982	191.4	164.3	27.0	14.1
1983	304.4	267.0	37.4	12.3	1983	188.4	160.7	27.6	14.7
1983					1983				
June	307.6	268.8	38.8	12.6	June	192.7	163.9	28.7	14.9
July	313.6	279.8	33.8	10.8	July	193.1	168.9	24.2	12.5
August	309.1	276.9	32.2	10.4	August	191.0	167.0	24.0	12.6
September ..	305.1	271.4	33.7	11.1	September .	186.6	162.2	24.3	13.0
October	308.4	274.5	33.8	11.0	October ...	189.2	164.6	24.6	13.0
November ...	309.7	274.2	35.5	11.5	November ..	189.5	164.4	25.1	13.2
December ...	304.9	270.4	34.6	11.3	December ..	186.0	162.4	23.6	12.7
1984					1984				
January	297.5	264.3	33.2	11.2	January ...	182.3	159.8	22.5	12.3
February ...	298.6	263.8	34.8	11.6	February ..	180.7	158.9	21.9	12.1
March	297.9	262.4	35.5	11.9	March	181.7	158.7	23.0	12.6
April	300.3	268.4	31.9	10.6	April	182.6	162.1	20.5	11.2
May	305.5	274.5	31.1	10.2	May	185.6	164.8	20.9	11.2
June[p]	306.8	277.7	29.0	9.5	June[p]	188.1	169.1	18.9	10.1
CINCINNATI[d]					CLEVELAND[e]				
1973	572.0	543.0	29.0	5.1	1973	863.9	849.0	34.9	3.9
1974	595.3	569.8	25.5	4.3	1974	899.1	861.4	37.7	4.2
1975	595.3	551.6	43.6	7.3	1975	896.9	826.3	70.6	7.9
1976	604.8	566.6	38.2	6.3	1976	897.7	834.4	63.3	7.0
1977	623.4	588.7	34.7	5.6	1977	908.5	854.4	54.0	5.9
1978	648.3	615.8	32.5	5.0	1978	921.7	878.5	43.2	4.7
1979	663.4	628.1	35.3	5.3	1979	935.8	889.1	46.7	5.0
1980	676.2	628.6	47.5	7.0	1980	937.1	869.1	68.0	7.3
1981	678.5	619.3	59.1	8.7	1981	933.9	854.0	79.8	8.5
1982	682.0	610.4	71.6	10.5	1982	933.4	833.2	100.2	10.7
1983	686.5	615.4	71.1	10.4	1983	930.7	824.7	105.9	11.4
1983					1983				
June	703.1	627.2	76.0	10.8	June	962.0	845.0	117.0	12.2
July	703.4	637.1	66.2	9.4	July	966.5	867.1	99.3	10.3
August	696.4	632.8	63.6	9.1	August	955.0	857.0	98.0	10.3
September ..	685.5	619.2	66.4	9.7	September .	925.8	826.4	99.4	10.7
October	691.5	630.0	61.5	8.9	October ...	936.6	840.1	96.6	10.3
November ...	693.2	629.0	64.2	9.3	November ..	935.3	836.6	98.7	10.6
December ...	684.3	622.5	61.9	9.0	December ..	917.5	828.3	89.3	9.7
1984					1984				
January	679.0	616.0	62.9	9.3	January ...	899.5	815.9	83.7	9.3
February ...	670.2	611.3	58.9	8.8	February ..	887.4	806.6	80.8	9.1
March	672.1	612.2	59.9	8.9	March	890.2	802.3	87.9	9.9
April	683.0	624.9	58.1	8.5	April	896.6	813.7	83.0	9.3
May	695.0	635.0	60.0	8.6	May	913.9	825.6	88.3	9.7
June[p]	710.0	651.2	58.7	8.3	June[p]	933.4	851.1	82.3	8.8

[a] Estimated in cooperation with U.S. Department of Labor. Data not seasonally adjusted. Subtotals may not add to totals due to rounding. Rates computed from unrounded figures. [b] Defined as Portage and Summit Counties. [c] Defined as Carroll and Stark Counties. [d] Defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; and Boone, Campbell, and Kenton Counties, Kentucky. [e] Defined as Cuyahoga, Geauge, Lake, and Medina Counties. [p] Preliminary.

CIVILIAN LABOR FORCE ESTIMATES FOR MAJOR METROPOLITAN AREAS[a]

(In thousands)

Year and Month	Civilian Labor Force	Total Employed	Unemployed		Year and Month	Civilian Labor Force	Total Employed	Unemployed	
			Total Unemployed	Unemployment Rate				Total Unemployed	Unemployment Rate
COLUMBUS[f]					DAYTON[g]				
1973	485.5	468.3	17.1	3.5	1973	358.0	343.5	14.5	4.1
1974	495.4	475.5	19.9	4.0	1974	359.5	342.5	17.0	4.7
1975	495.0	458.6	36.5	7.4	1975	357.6	327.7	29.9	8.4
1976	503.6	468.5	35.1	7.0	1976	360.5	336.3	24.2	6.7
1977	513.4	483.3	30.1	5.9	1977	368.6	348.3	20.3	5.5
1978	531.4	506.5	24.9	4.7	1978	381.1	363.7	17.3	4.6
1979	543.0	517.1	25.8	4.8	1979	392.2	367.9	24.2	6.2
1980	554.7	523.4	31.4	5.7	1980	390.2	361.0	29.2	7.5
1981	562.4	519.1	43.3	7.7	1981	390.8	357.9	32.8	8.4
1982	567.4	516.4	51.0	9.0	1982	391.8	347.1	44.7	11.4
1983	579.1	527.4	51.7	8.9	1983	390.6	350.7	39.9	10.2
1983					1983				
June	594.3	537.2	57.1	9.6	June	400.1	356.8	43.2	10.8
July	599.8	549.2	50.7	8.4	July	400.0	362.6	37.4	9.4
August	591.8	544.6	47.2	8.0	August	396.5	359.4	37.1	9.3
September	577.9	528.9	49.0	8.5	September	389.5	353.7	35.7	9.2
October	594.3	545.1	49.2	8.3	October	395.4	360.8	34.7	8.8
November	594.7	544.2	50.5	8.5	November	396.8	360.3	36.5	9.2
December	585.3	537.9	47.4	8.1	December	388.0	355.5	32.5	8.4
1984					1984				
January	575.1	529.6	45.4	7.9	January	385.5	353.0	32.5	8.4
February	570.0	526.7	43.2	7.6	February	383.7	350.3	33.4	8.7
March	571.3	525.2	46.0	8.1	March	383.4	348.5	34.9	9.1
April	580.3	535.2	45.1	7.8	April	387.1	354.5	32.6	8.4
May	590.4	543.9	46.5	7.9	May	391.4	358.8	32.6	8.3
June[p]	603.8	560.1	43.7	7.2	June[p]	399.3	368.6	30.6	7.7
TOLEDO[h]					YOUNGSTOWN-WARREN[i]				
1973	339.8	324.2	15.6	4.6	1973	232.5	221.8	10.8	4.6
1974	343.8	324.2	19.7	5.7	1974	236.7	223.7	13.0	5.5
1975	344.8	310.2	34.6	10.0	1975	236.7	209.8	26.9	11.4
1976	347.8	319.4	28.4	8.2	1976	234.2	210.5	23.7	10.1
1977	355.0	329.4	25.6	7.2	1977	234.0	215.0	19.0	8.1
1978	362.1	339.7	22.4	6.2	1978	235.2	217.5	17.7	7.5
1979	368.2	341.7	26.4	7.2	1979	237.1	219.9	17.1	7.2
1980	368.2	329.8	38.4	10.4	1980	238.9	210.5	28.4	11.9
1981	367.4	328.0	39.4	10.7	1981	234.0	205.7	28.2	12.1
1982	368.7	322.7	46.1	12.5	1982	237.0	190.3	46.6	19.7
1983	374.2	326.9	47.2	12.6	1983	227.3	189.6	37.8	16.6
1983					1983				
June	380.6	332.0	48.6	12.8	June	233.8	193.5	40.3	17.2
July	382.1	337.7	44.4	11.6	July	233.4	199.5	33.9	14.5
August	379.2	335.1	44.1	11.6	August	232.6	196.2	36.4	15.6
September	374.8	331.9	42.9	11.5	September	226.7	193.1	33.6	14.8
October	380.0	338.3	41.7	11.0	October	227.0	195.5	31.5	13.9
November	381.3	337.5	43.8	11.5	November	227.9	195.2	32.7	14.4
December	372.5	331.9	40.5	10.9	December	222.4	192.2	30.2	13.6
1984					1984				
January	366.1	327.4	38.6	10.6	January	218.3	189.7	28.6	13.1
February	365.7	327.7	38.0	10.4	February	214.6	188.2	26.4	12.3
March	367.3	327.8	39.5	10.8	March	215.3	186.8	28.5	13.2
April	372.0	335.2	36.8	9.9	April	216.3	190.5	25.8	11.9
May	378.2	342.1	36.1	9.5	May	220.3	194.4	25.9	11.8
June	INA	INA	INA	INA	June[p]	221.7	197.9	23.8	10.7

[a] Estimated in cooperation with U.S. Department of Labor. Data not seasonally adjusted. Subtotals may not add to totals due to rounding. Rates computed from unrounded figures. [f] Defined as Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. [g] Defined as Greene, Miami, Montgomery, and Preble Counties. [h] Defined as Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. [i] Defined as Mahoning and Trumbull Counties. [p] Preliminary. INA—Information not available.

CIVILIAN LABOR FORCE ESTIMATES[a]
(not seasonally adjusted)

Year and Month	OHIO (in thousands)			Unemployment Rate	
	Civilian Labor Force	Total Employed	Total Unemployed	OHIO	U.S.
1973	4,621	4,423	198	4.3	4.9
1974	4,708	4,483	225	4.8	5.6
1975	4,721	4,292	429	9.1	8.5
1976	4,749	4,378	370	7.8	7.7
1977	4,830	4,518	312	6.5	7.1
1978	4,956	4,688	268	5.4	6.1
1979	5,056	4,758	298	5.9	5.8
1980	5,088	4,661	427	8.4	7.1
1981	5,098	4,606	492	9.6	7.6
1982	5,114	4,474	640	12.5	9.7
1983	5,110	4,488	622	12.2	9.6
1983					
July	5,287	4,710	577	10.9	9.4
August ..	5,229	4,666	563	10.8	9.2
September	5,108	4,541	567	11.1	8.8
October .	5,159	4,611	548	10.6	8.4
November.	5,146	4,582	564	11.0	8.1
December.	5,040	4,513	528	10.5	8.0
1984					
January .	4,964	4,452	512	10.3	8.8
February.	4,925	4,426	499	10.1	8.4
March ...	4,940	4,415	525	10.6	8.1
April ...	4,996	4,506	489	9.8	7.6
May	5,086	4,593	493	9.7	7.2
June	5,183	4,715	469	9.0	7.4
July	5,292	4,845	447	8.4	7.5

OHIO NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT[a]
(in thousands)

Year and Month	Total Nonagricultural	Manufacturing	Nonmanufacturing
1973	4,112.9	1,426.3	2,686.5
1974	4,169.4	1,416.6	2,752.8
1975	4,016.2	1,267.5	2,748.7
1976	4,094.5	1,295.3	2,799.3
1977	4,230.1	1,344.1	2,885.9
1978	4,394.8	1,377.2	3,017.6
1979	4,484.7	1,382.3	3,102.5
1980	4,367.4	1,264.3	3,103.0
1981	4,317.6	1,232.6	3,085.1
1982	4,124.2	1,099.8	3,024.4
1983	4,083.8	1,066.9	3,017.0
1983			
July	4,082.0	1,062.2	3,019.8
August ..	4,074.0	1,074.7	2,999.3
September	4,157.0	1,094.3	3,062.7
October .	4,170.0	1,099.1	3,070.9
November.	4,177.5	1,104.4	3,073.1
December.	4,176.1	1,101.9	3,074.2
1984			
January .	4,083.3	1,101.0	2,982.3
February.	4,095.2	1,108.2	2,987.0
March ...	4,120.3	1,113.2	3,007.1
April ...	4,162.8	1,114.7	3,048.1
May	4,200.0	1,117.7	3,082.3
June	4,220.4	1,121.5	3,098.9
July	4,178.7	1,118.4	3,060.2

OHIO NONMANUFACTURING WAGE AND SALARY EMPLOYMENT[a] (in thousands)

Year and Month	Mining	Construction	Transportation and Utilities	Wholesale Trade	Retail Trade	Finance, Insurance, Real Estate	Services	Government
1973	22.9	175.5	224.9	197.7	654.9	169.0	643.9	597.8
1974	24.2	172.3	227.8	205.7	668.1	171.9	669.7	613.1
1975	26.8	154.9	213.2	203.5	664.5	173.1	686.3	626.4
1976	28.2	154.2	213.7	208.4	682.4	177.0	703.2	632.2
1977	29.1	162.8	219.1	214.6	703.1	183.4	731.4	642.3
1978	29.0	176.6	225.0	226.0	730.4	191.1	772.1	667.5
1979	31.6	182.9	232.1	232.8	742.4	200.6	806.2	674.0
1980	30.7	167.4	223.1	230.6	726.6	203.8	830.9	689.9
1981	30.7	153.7	217.2	232.5	717.7	205.8	851.5	676.0
1982	30.3	134.6	206.8	226.0	703.4	206.4	857.3	659.6
1983	26.6	128.6	197.3	219.6	703.3	209.6	874.6	657.5
1983								
July	27.4	140.8	201.5	221.4	709.8	212.2	883.2	623.4
August ..	27.4	142.2	184.6	221.3	712.4	212.3	883.0	616.2
September	27.5	144.6	201.0	221.2	714.8	211.8	891.3	650.4
October .	27.5	145.0	200.7	221.5	709.6	211.5	888.8	666.3
November.	27.4	140.9	199.6	221.1	717.8	211.5	884.2	670.6
December.	27.1	130.9	200.2	221.3	730.4	212.1	880.7	671.5
1984								
January .	27.0	115.0	193.1	218.3	693.6	210.8	868.3	656.3
February.	26.7	111.8	193.1	217.9	682.4	210.3	875.0	669.9
March ...	27.2	114.5	193.8	218.9	688.6	210.7	882.2	671.2
April ...	27.4	123.6	196.0	220.2	704.1	211.8	894.4	670.5
May	27.9	131.5	198.4	221.6	715.4	212.6	902.3	672.7
June	28.2	138.8	200.1	223.2	721.9	214.8	912.1	654.8
July	28.2	143.4	200.0	223.6	718.8	215.7	905.1	625.3

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[a] Estimated in cooperation with U.S. Department of Labor. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates and averages computed from unrounded figures. All data exclude military personnel.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

EMPLOYMENT, HOURS, AND EARNINGS IN MANUFACTURING IN OHIO[a]

Year and Month	Manufacturing Employment (in thousands)			Production Workers in Manufacturing		
	All Manufacturing	Durable Goods	Nondurable Goods	Production Workers (in thousands)	Aggregate Weekly Payroll (in millions)	Aggregate Weekly Hours (in millions)
1973	1,426.3	1,018.2	408.1	1,046.7	$210.8	44.3
1974	1,416.6	1,013.1	403.5	1,028.7	217.4	42.4
1975	1,267.5	892.4	375.1	897.8	201.5	36.2
1976	1,295.3	910.6	384.6	926.1	233.9	38.2
1977	1,344.1	945.2	398.9	958.0	271.2	40.2
1978	1,377.2	974.5	402.7	985.5	302.5	41.5
1979	1,382.3	980.5	401.8	979.0	318.5	40.6
1980	1,264.3	882.6	381.8	867.8	301.9	35.2
1981	1,232.6	860.4	372.2	847.7	330.4	34.7
1982	1,099.9	752.4	347.5	735.7	297.1	29.5
1983	1,066.9	723.6	343.3	721.7	315.7	29.9
1983						
July	1,062.2	720.2	341.9	715.9	309.7	29.4
August ..	1,074.7	728.4	346.3	729.3	316.1	30.0
September	1,094.3	740.8	353.5	749.0	335.5	31.5
October .	1,099.1	748.1	351.0	755.4	340.1	31.7
November.	1,104.4	752.9	351.4	761.9	348.7	32.4
December.	1,101.9	749.8	352.0	760.2	352.4	32.5
1984						
January .	1,101.0	750.4	350.5	758.6	349.5	32.2
February.	1,108.2	756.9	351.3	765.6	351.5	32.5
March ...	1,113.2	760.9	352.4	769.9	357.3	32.7
April ...	1,114.7	762.0	352.7	771.7	359.1	32.8
May	1,117.7	764.2	353.5	773.5	355.6	32.6
June	1,121.5	766.1	355.4	776.0	356.7	32.7
July	1,118.4	764.1	354.4	771.3	351.7	32.2

Year and Month	Production Workers Average Weekly Earnings			Production Workers Average Weekly Hours			Production Workers Average Hourly Earnings		
	Manufacturing	Durable Goods	Nondurable Goods	Manufacturing	Durable Goods	Nondurable Goods	Manufacturing	Durable Goods	Nondurable Goods
1973	$201.35	$207.95	$185.89	42.3	42.7	41.4	$ 4.76	$ 4.87	$ 4.49
1974	211.36	216.94	196.17	41.2	41.4	40.7	5.13	5.24	4.82
1975	224.47	228.90	211.85	40.3	40.3	40.2	5.57	5.68	5.27
1976	252.54	258.75	235.00	41.2	41.4	41.3	6.10	6.25	5.69
1977	283.08	292.02	258.34	42.0	42.2	41.4	6.74	6.92	6.24
1978	306.91	316.83	279.30	42.1	42.3	41.5	7.29	7.49	6.73
1979	325.36	335.30	297.98	41.5	41.6	41.1	7.84	8.06	7.25
1980	347.94	358.57	319.99	40.6	40.7	40.2	8.57	8.81	7.96
1981	389.78	401.64	358.16	40.9	40.9	40.7	9.53	9.82	8.80
1982	403.81	414.80	378.95	40.1	40.0	40.4	10.07	10.37	9.38
1983	437.18	452.35	402.52	41.4	41.5	41.2	10.56	10.90	9.77
1983									
July	432.55	445.67	403.60	41.0	41.0	41.1	10.55	10.87	9.82
August ..	433.42	445.52	403.50	41.2	41.1	41.3	10.52	10.84	9.77
September	447.94	463.52	410.62	42.1	42.1	41.9	10.64	11.01	9.80
October .	450.24	468.68	408.78	42.0	42.3	41.5	10.72	11.08	9.85
November.	457.73	475.68	413.97	42.5	42.7	41.9	10.77	11.14	9.88
December.	463.52	483.15	419.05	42.8	43.1	42.2	10.83	11.21	9.93
1984									
January .	460.70	479.52	418.05	42.5	42.7	42.1	10.84	11.23	9.93
February.	459.19	478.67	414.24	42.4	42.7	41.8	10.83	11.21	9.91
March ...	464.10	484.50	417.32	42.5	42.8	41.9	10.92	11.32	9.96
April ...	465.38	483.79	420.26	42.5	42.7	41.9	10.95	11.33	10.03
May	459.73	477.99	413.17	42.1	42.3	41.4	10.92	11.30	9.98
June	459.73	478.41	414.59	42.1	42.3	41.5	10.92	11.31	9.99
July	456.04	473.34	414.24	41.8	42.0	41.3	10.91	11.27	10.03

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

EMPLOYMENT AND AVERAGE WEEKLY EARNINGS IN SELECTED MAJOR MANUFACTURING INDUSTRIES IN OHIO[a]

Year and Month	Stone, Clay and Glass Products	Primary Metal Industries	Fabricated Metal Products	Machinery, Except Electrical	Electric & Electronic Equipment	Transportation Equipment	Food and Kindred Products	Printing and Publishing	Rubber and Plastics Products
	EMPLOYMENT (in thousands)								
1973	73.3	173.3	175.2	219.9	134.1	167.2	76.4	67.7	109.8
1974	72.2	172.4	172.7	227.7	131.4	162.5	76.0	67.9	107.0
1975	65.0	151.5	150.9	207.7	112.3	140.8	73.5	64.8	94.8
1976	66.3	154.6	157.9	205.9	115.5	143.0	73.8	64.5	98.2
1977	67.1	157.7	166.5	210.7	120.9	151.8	74.4	65.4	107.4
1978	69.3	157.5	173.3	216.7	122.2	164.1	74.6	66.6	107.4
1979	69.7	158.9	175.5	223.6	117.6	165.8	74.4	67.6	106.7
1980	64.5	139.8	157.6	211.4	106.4	139.1	72.7	67.4	92.7
1981	61.0	138.3	154.9	204.2	101.9	136.9	69.2	66.1	89.0
1982	54.2	112.7	134.9	176.7	93.4	121.7	66.9	63.2	80.4
1983	52.7	104.5	130.9	153.1	90.2	131.6	64.5	62.3	82.4
1983									
July	53.3	103.0	129.4	152.1	89.7	131.6	64.0	61.9	82.1
August ..	54.0	105.1	132.2	152.6	89.6	132.8	66.4	61.9	83.5
September	54.8	107.4	134.6	154.8	91.5	134.8	69.5	62.6	85.6
October .	54.9	108.0	136.5	154.5	92.4	138.8	66.4	62.6	86.4
November.	55.0	109.8	137.8	155.3	92.4	139.9	65.2	62.8	87.4
December.	53.7	110.3	137.3	155.5	91.9	138.5	65.2	63.0	87.5
1984									
January .	52.9	110.6	137.7	156.6	91.8	138.4	64.5	62.8	87.9
February.	53.4	111.1	137.6	157.2	92.8	141.3	64.1	62.8	88.7
March ...	54.0	112.2	137.8	158.5	93.7	140.9	64.1	63.1	88.8
April ...	54.1	111.7	138.4	159.2	93.3	141.2	64.6	63.1	89.3
May	55.0	111.1	139.6	160.0	92.8	141.6	64.8	63.2	89.2
June	55.5	111.6	139.9	159.2	92.9	141.9	65.9	63.1	89.5
July	55.5	111.2	139.1	158.7	93.3	141.0	65.3	63.5	88.9
	AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS								
1973	$189.03	$228.72	$204.67	$208.80	$176.23	$241.01	$188.94	$203.06	$193.12
1974	194.21	246.03	213.62	219.05	184.61	244.91	204.89	211.14	199.92
1975	207.55	256.46	224.96	228.25	201.30	263.22	222.68	226.95	213.31
1976	232.40	294.58	256.68	253.31	221.54	302.87	242.92	252.20	237.30
1977	253.95	329.54	290.44	279.18	248.44	359.20	258.54	271.96	263.97
1978	274.81	366.24	307.23	306.16	268.45	389.66	281.15	285.18	282.73
1979	293.34	395.43	323.38	329.09	289.27	391.56	304.50	302.62	300.66
1980	315.43	422.01	349.34	352.77	316.31	414.83	329.85	320.92	323.61
1981	348.02	484.04	389.61	389.16	350.27	471.50	362.75	347.70	368.67
1982	376.88	480.54	398.77	392.63	366.56	506.99	386.04	358.45	381.11
1983	400.57	503.85	460.65	424.09	394.63	557.92	403.79	375.62	412.25
1983									
July	403.44	496.50	447.79	420.09	390.34	543.97	412.29	369.27	409.36
August ..	401.64	492.83	449.35	421.14	395.60	541.80	409.04	371.35	407.11
September	409.18	522.49	471.28	431.09	406.39	570.49	415.86	378.00	422.18
October .	412.17	514.18	479.45	436.31	408.04	581.79	396.89	384.94	425.87
November.	415.33	520.38	490.31	450.24	411.27	586.64	410.98	392.18	421.20
December.	421.16	525.79	505.52	463.54	415.17	588.60	420.30	393.97	422.61
1984									
January .	419.33	525.39	486.86	468.27	409.59	585.09	409.64	391.40	429.44
February.	417.08	540.99	485.57	468.07	420.51	565.46	411.04	391.30	423.36
March ...	417.49	538.90	482.08	467.18	416.66	602.94	416.79	386.45	425.97
April ...	420.93	540.58	466.06	468.93	420.21	593.18	424.27	388.22	424.45
May	416.90	537.63	477.70	462.87	420.24	582.56	416.75	384.29	415.16
June	423.26	540.18	473.76	462.01	412.70	591.40	425.00	380.00	418.28
July	423.85	533.40	462.04	459.43	407.64	588.26	418.74	379.86	416.23

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN OHIO[a]
JULY 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	July 1984[b]	June 1984[c]	July 1983[c]	June 1984	July 1983
TOTAL	4178.7	4220.4	4082.0	-1.0	2.4
MANUFACTURING	1118.4	1121.5	1062.2	-.3	5.3
Durable Goods[e]	764.1	766.1	720.2	-.3	6.1
Lumber and wood products	16.2	16.1	14.5	.2	11.7
Furniture and fixtures	13.4	13.7	13.3	-2.3	.7
Household furniture	5.7	6.0	6.2	-5.2	-7.7
Stone, clay, and glass products	55.5	55.5	53.3	-.1	4.1
Glass and glassware, pressed or blown	13.9	14.0	13.6	-.3	2.4
Structural clay products	4.9	4.9	4.9	.6	-.1
Pottery and related products	5.6	5.7	5.6	-1.8	.2
Primary metal industries	111.2	111.6	103.0	-.3	8.0
Blast furnace and basic steel products	54.8	55.2	52.0	-.7	5.4
Iron and steel foundries	22.0	21.9	19.6	.3	12.3
Nonferrous rolling and drawing	18.7	18.7	18.0	.0	3.8
Nonferrous foundries	9.3	9.3	7.9	-.2	18.0
Fabricated metal products	139.1	139.9	129.4	-.6	7.5
Cutlery, hand tools, and hardware	11.0	11.2	11.0	-2.0	-.3
Plumbing and heating, except electric	4.9	5.0	4.0	-2.9	21.9
Fabricated structural metal products	29.5	29.2	28.6	.8	3.2
Screw machine products, bolts, etc.	8.8	8.9	8.4	-1.2	4.2
Metal forgings and stampings	43.0	43.7	38.5	-1.4	11.7
Machinery, except electrical	158.7	159.2	152.1	-.3	4.4
Construction and related machinery	15.7	15.8	17.4	-.9	-9.7
Metalworking machinery	39.0	39.0	38.1	.1	2.5
Special industry machinery	17.1	16.8	15.9	1.4	7.0
General industrial machinery	32.1	32.1	29.6	.2	8.4
Electric and electronic equipment	93.3	92.9	89.7	.4	4.0
Electrical industrial apparatus	19.3	19.1	18.5	.6	4.0
Household appliances	16.8	16.2	16.0	3.8	5.1
Electric lighting and wiring equipment	18.3	18.5	17.8	-1.1	3.2
Communication equipment	10.1	10.2	10.1	-.8	-.1
Transportation equipment	141.0	141.9	131.6	-.6	7.1
Motor vehicles and equipment	93.6	94.9	86.6	-1.4	8.1
Aircraft and parts	39.2	38.8	37.1	.9	5.7
Instruments and related products	21.6	21.4	20.1	.7	7.3
Measuring and controlling devices	12.6	12.4	11.8	1.6	7.1
Nondurable Goods[f]	354.4	355.4	341.9	-.3	3.6
Food and kindred products	65.3	65.9	64.0	-.9	2.0
Meat products	10.7	10.7	9.8	.2	9.2
Dairy products	10.5	10.6	10.4	-.2	1.3
Bakery products	10.3	10.3	10.0	.1	3.1
Beverages	10.5	10.7	10.5	-1.4	.0
Textile mill products	4.6	4.6	4.3	-.1	6.9
Apparel and other textile products	17.2	17.5	16.3	-1.6	5.6
Paper and allied products	35.6	35.7	34.6	-.2	2.8
Paper mills, except building paper	9.7	9.6	9.0	1.0	7.3
Misc. converted paper products	11.6	11.5	11.3	.3	2.6
Paperboard containers and boxes	11.6	11.6	11.4	-.2	1.8
Printing and publishing	63.5	63.1	61.9	.7	2.7
Newspapers	18.1	18.0	18.0	.5	.9
Commercial printing	23.2	23.2	22.3	.3	4.1
Chemicals and allied products	64.7	64.7	63.8	-.1	1.4
Industrial inorganic chemicals	11.5	11.5	11.2	.6	2.7
Plastics materials and synthetics	8.8	8.8	8.8	-.1	-.3
Petroleum and coal products	9.8	9.7	9.8	1.0	.0
Rubber and misc. plastics products	88.9	89.5	82.1	-.6	8.3
Tires and inner tubes	20.6	20.6	20.2	-.2	2.1
Miscellaneous plastics products	47.5	47.8	42.9	-.6	10.6
Leather and leather products	4.7	4.7	5.1	.4	-8.0

See footnotes at end of table.

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN OHIO[a]
JULY 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	July 1984[b]	June 1984[c]	July 1983[c]	July 1984[b]	June 1984[c]	July 1983[c]	July 1984[b]	June 1984[c]	July 1983[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$456.04	$459.73	$432.55	41.8	42.1	41.0	$10.91	$10.92	$10.55
Durable Goods[d]	473.34	478.41	445.67	42.0	42.3	41.0	11.27	11.31	10.87
Lumber and wood products	300.85	301.73	288.55	40.6	40.5	39.8	7.41	7.45	7.25
Furniture and fixtures	318.37	318.77	305.27	40.3	40.3	39.8	7.90	7.91	7.67
Household furniture	275.97	283.02	270.66	39.2	39.2	39.0	7.04	7.22	6.94
Stone, clay, and glass products	423.85	423.26	403.44	41.8	41.7	41.0	10.14	10.15	9.84
Glass and glassware, pressed or blown	446.89	448.26	424.14	40.7	40.9	39.9	10.98	10.96	10.63
Structural clay products	319.01	318.01	297.60	41.7	41.3	40.0	7.65	7.70	7.44
Pottery and related products	342.88	338.72	322.01	38.7	38.8	37.4	8.86	8.73	8.61
Primary metal industries	533.40	540.18	496.50	42.0	42.5	40.3	12.70	12.71	12.32
Blast furnace and basic steel products	533.26	542.34	501.54	40.8	41.4	39.0	13.07	13.10	12.86
Iron and steel foundries	509.22	544.62	494.32	41.4	43.5	41.4	12.30	12.52	11.94
Nonferrous rolling and drawing	624.02	586.60	519.74	44.1	42.6	40.7	14.15	13.77	12.77
Nonferrous foundries	417.85	420.12	399.59	43.8	43.9	42.6	9.54	9.57	9.38
Fabricated metal products	462.04	473.76	447.79	41.7	42.3	41.5	11.08	11.20	10.79
Cutlery, hand tools, and hardware	461.34	462.44	456.60	39.6	39.9	40.3	11.65	11.59	11.33
Plumbing and heating, except electric	382.44	388.58	323.53	41.3	42.1	38.7	9.26	9.23	8.36
Fabricated structural metal products	417.06	415.00	414.59	42.0	41.5	41.5	9.93	10.00	9.99
Screw machine products, bolts, etc.	385.43	393.76	364.70	41.4	42.8	39.3	9.31	9.20	9.28
Metal forgings and stampings	555.35	589.19	531.29	42.2	44.2	42.3	13.16	13.33	12.56
Machinery, except electrical	459.43	462.01	420.09	42.5	42.7	40.2	10.81	10.82	10.45
Construction and related machinery	410.17	414.72	407.59	39.9	40.5	38.2	10.28	10.24	10.67
Metalworking machinery	433.06	435.54	396.17	41.6	42.0	38.5	10.41	10.37	10.29
Special industry machinery	459.08	457.60	404.09	44.1	44.0	40.9	10.41	10.40	9.88
General industrial machinery	442.08	456.92	407.55	41.2	41.5	39.8	10.73	11.01	10.24
Electric and electronic equipment	407.64	412.70	390.34	40.4	40.7	40.2	10.09	10.14	9.71
Electrical industrial apparatus	410.94	402.21	357.50	41.3	41.0	38.4	9.95	9.81	9.31
Household appliances	420.25	413.31	412.50	40.1	39.4	40.6	10.48	10.49	10.16
Electric lighting and wiring equipment	394.00	412.64	380.30	40.0	41.1	40.5	9.85	10.04	9.39
Communication equipment	443.21	477.73	451.96	41.0	43.0	42.2	10.81	11.11	10.71
Transportation equipment	588.26	591.40	543.97	43.9	44.2	42.9	13.40	13.38	12.68
Motor vehicles and equipment	613.66	624.18	566.81	44.5	45.1	43.5	13.79	13.84	13.03
Aircraft and parts	541.34	512.86	492.19	43.1	41.9	41.5	12.56	12.24	11.86
Instruments and related products	312.44	315.20	305.73	39.7	40.0	39.5	7.87	7.88	7.74
Measuring and controlling devices	300.70	305.37	302.25	38.9	39.2	38.7	7.73	7.79	7.81
Nondurable Goods[e]	414.24	414.59	403.60	41.3	41.5	41.1	10.03	9.99	9.82
Food and kindred products	418.74	425.00	412.29	42.0	42.5	42.2	9.97	10.00	9.77
Meat products	389.16	394.42	405.57	41.4	41.3	41.3	9.40	9.55	9.82
Dairy products	418.61	418.28	415.98	43.2	43.3	44.3	9.69	9.66	9.39
Bakery products	461.42	453.61	418.40	42.1	41.2	40.7	10.96	11.01	10.28
Beverages	374.69	415.23	364.50	39.4	42.5	40.5	9.51	9.77	9.00
Textile mill products	327.98	326.36	296.27	41.1	41.0	40.2	7.98	7.96	7.37
Apparel and other textile products	240.87	240.31	231.88	37.0	37.2	37.4	6.51	6.46	6.20
Paper and allied products	449.96	440.50	433.06	44.2	43.7	44.1	10.18	10.08	9.82
Paper mills, except building paper	555.31	541.88	540.08	47.1	46.0	48.7	11.79	11.78	11.09
Misc. converted paper products	418.07	405.29	383.24	44.1	43.3	42.3	9.48	9.36	9.06
Paperboard containers and boxes	384.89	384.44	388.16	41.7	42.2	42.1	9.23	9.11	9.22
Printing and publishing	379.86	380.00	369.27	38.1	38.0	37.3	9.97	10.00	9.90
Newspapers	327.03	322.74	314.59	33.1	33.0	32.2	9.88	9.78	9.77
Commercial printing	395.97	392.83	384.93	40.2	39.6	39.0	9.85	9.92	9.87
Chemicals and allied products	471.17	473.39	454.84	40.9	41.2	41.5	11.52	11.49	10.96
Industrial inorganic chemicals	512.51	512.51	492.80	41.6	41.6	42.3	12.32	12.32	11.65
Plastics materials and synthetics	535.26	529.74	501.40	44.2	43.6	43.6	12.11	12.15	11.50
Petroleum and coal products	600.10	588.13	603.50	42.5	41.8	43.2	14.12	14.07	13.97
Rubber and misc. plastics products	416.23	418.28	409.36	42.3	42.9	41.9	9.84	9.75	9.77
Tires and inner tubes	603.37	608.97	543.37	46.2	46.7	43.4	13.06	13.04	12.52
Miscellaneous plastics products	396.98	398.56	396.74	41.7	42.4	41.5	9.52	9.40	9.56
Leather and leather products	220.37	221.55	210.37	41.5	42.2	38.6	5.31	5.25	5.45

See footnotes at end of table.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN OHIO[a]
JULY 1984 (Continued)

Industry	Employment (in thousands)			Percent Change From[d]	
	July 1984[b]	June 1984[c]	July 1983[c]	June 1984	July 1983
NONMANUFACTURING	3060.2	3098.9	3019.8	-1.2	1.3
MINING	28.2	28.2	27.4	.2	2.9
Bituminous coal and lignite mining	12.0	12.0	11.7	-.1	1.9
CONSTRUCTION	143.4	138.8	140.8	3.3	1.8
General building contractors	35.8	34.4	34.8	4.2	3.1
Heavy construction contractors	24.6	23.7	22.5	3.5	9.1
TRANSPORTATION AND PUBLIC UTILITIES	200.0	200.1	201.5	.0	-.7
Railroad transportation	19.5	19.4	19.7	.5	-1.0
Transportation, except railroads	88.6	88.8	87.1	-.3	1.7
Trucking and warehousing	62.7	62.9	62.6	-.3	.2
Communication, electric, gas services	92.0	91.9	94.7	.1	-2.9
Communication	51.9	51.9	53.9	-.1	-3.7
Electric, gas, and sanitary services	40.1	39.9	40.8	.3	-1.8
WHOLESALE TRADE	223.6	223.2	221.4	.2	1.0
Wholesale trade-durable goods	139.7	139.5	138.4	.2	.9
Motor vehicles & automotive equipment	20.4	20.4	20.3	.3	.7
Electrical goods	18.8	18.8	18.6	-.1	1.0
Machinery, equipment, and supplies	58.5	58.2	58.0	.6	.9
Wholesale trade-nondurable goods	83.9	83.8	82.9	.1	1.1
Groceries and related products	26.4	26.4	25.8	.1	2.3
RETAIL TRADE	718.8	721.9	709.8	-.4	1.3
General merchandise stores	110.3	110.1	108.2	.2	2.0
Department stores	101.7	101.4	99.4	.3	2.3
Food stores	119.3	118.8	117.3	.4	1.7
Automotive dealers & service stations	76.1	76.1	76.1	.0	.0
Apparel and accessory stores	32.7	32.9	33.0	-.6	-1.0
FINANCE, INSURANCE, AND REAL ESTATE	215.7	214.8	212.2	.4	1.7
Banking	57.8	57.7	59.1	.2	-2.1
Credit agencies other than banks	32.6	32.5	31.7	.3	2.9
Insurance carriers	59.6	59.5	59.4	.3	.3
SERVICES	905.1	912.1	883.2	-.8	2.5
Hotels and other lodging places	30.4	30.5	30.7	-.2	-.7
Laundry, cleaning, & garment services	16.5	16.6	16.4	-1.1	.4
Business services	137.0	136.3	129.9	.5	5.4
Health services	330.4	329.9	322.8	.2	2.4
Hospitals	179.1	178.3	177.2	.5	1.1
GOVERNMENT	625.3	659.8	623.4	-5.2	.3
Federal government	91.6	91.1	89.5	.6	2.3
State government	123.6	137.1	124.3	-9.9	-.6
State government, except education	70.8	70.4	71.9	.6	-1.4
State government education[i]	52.8	66.7	52.5	-20.9	.6
Local government	410.1	431.6	409.6	-5.0	.1
Local government, except education	191.0	186.6	197.1	2.4	-3.1
Local government education	219.1	245.0	212.5	-10.6	3.1

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[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes miscellaneous manufacturing. [f] Includes tobacco manufactures. [h] Depressed due to labor-management disputes, [i] Includes State Universities, State Schools for Deaf and Blind, and the State Library. Excludes hospitals, the agricultural extension service, agricultural research centers, and departments coordinating and administering educational programs (notably, the Ohio Department of Education).

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 8-15-84

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN OHIO[a]
JULY 1984 (Continued)

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	July 1984[b]	June 1984[c]	July 1983[c]	July 1984[b]	June 1984[c]	July 1983[c]	July 1984[b]	June 1984[c]	July 1983[c]
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
MINING	$487.96	$497.96	$462.01	44.0	44.5	43.3	$11.09	$11.19	$10.67
Bituminous coal and lignite mining	601.23	615.47	582.94	42.4	43.1	42.8	14.18	14.28	13.62
CONSTRUCTION	597.53	[illegible]	583.66	38.6	[illegible]	37.9	15.48	15.51	15.40
General building contractors	544.39	551.60	517.41	38.5	38.9	36.8	14.14	14.18	14.06
Heavy construction contractors	596.90	603.00	577.59	39.9	40.2	39.0	14.96	15.00	14.81
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Railroad transportation	......	......	......	....	....	....	....	....	....
Transportation, except railroads	......	......	......	....	....	....	....	....	....
Trucking and warehousing	439.49	457.93	453.84	35.5	36.9	36.6	12.38	12.41	12.40
Communication, electric, gas services	494.50	489.23	462.18	40.8	40.6	40.4	12.12	12.05	11.44
Communication	492.05	488.01	455.54	[illegible]	40.6	40.1	12.05	12.02	11.36
Electric, gas, and sanitary services	496.95	492.06	470.09	40.7	40.7	40.7	12.21	12.09	11.55
WHOLESALE TRADE	343.53	341.20	329.33	39.6	39.4	39.3	8.67	8.66	8.38
Wholesale trade-durable goods	335.91	338.40	319.90	39.8	40.0	39.3	8.44	8.46	8.14
Motor vehicles & automotive equipment	277.87	282.35	282.65	38.7	39.6	38.3	7.18	7.13	7.38
Electrical goods	286.50	284.99	262.92	38.2	38.1	37.4	7.50	7.48	7.03
Machinery, equipment, and supplies	375.46	381.35	360.77	39.9	40.1	40.4	9.41	9.51	8.93
Wholesale trade-nondurable goods	355.67	346.50	346.33	39.3	38.5	39.4	9.05	9.00	8.79
Groceries and related products	373.50	367.84	371.65	41.5	40.6	41.9	9.00	9.06	8.87
RETAIL TRADE[f]	162.50	161.96	163.99	29.6	29.5	30.2	5.49	5.49	5.43
General merchandise stores	167.38	168.17	169.02	30.6	30.8	31.3	5.47	5.46	5.40
Department stores	170.39	171.19	172.54	30.7	30.9	31.6	5.55	5.54	5.46
Food stores	213.66	211.29	227.01	31.1	30.8	32.2	6.87	6.86	7.05
Automotive dealers & service stations	223.86	226.88	215.43	36.4	36.3	36.7	6.15	6.25	5.87
Apparel and accessory stores	120.32	115.36	118.19	27.1	26.1	26.5	4.44	4.42	4.46
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
Banking	225.66	224.14	217.65	....	....	....	....	....	....
Credit agencies other than banks	219.59	218.02	211.97	....	....	....	....	....	....
Insurance carriers	297.70	297.24	288.92	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
Hotels and other lodging places	......	......	......	....	....	....	....	....	....
Laundry, cleaning, & garment services	......	......	......	....	....	....	....	....	....
Business services	......	......	......	....	....	....	....	....	....
Health services	......	......	......	....	....	....	....	....	....
Hospitals	290.49	288.10	284.35	33.7	33.5	34.3	8.62	8.60	8.29
GOVERNMENT	......	......	......	....	....	....	....	....	....
Federal government	......	......	......	....	....	....	....	....	....
State government	......	......	......	....	....	....	....	....	....
State government, except education	......	......	......	....	....	....	....	....	....
State government education	......	......	......	....	....	....	....	....	....
Local government	......	......	......	....	....	....	....	....	....
Local government, except education	......	......	......	....	....	....	....	....	....
Local government education	......	......	......	....	....	....	....	....	....

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes miscellaneous manufacturing. [e] Includes tobacco manufactures. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN AKRON METROPOLITAN AREA[a]
JULY 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	July 1984[b]	June 1984[c]	July 1983[c]	June 1984	July 1983
TOTAL	250.9	249.9	245.4	.4	2.3
MANUFACTURING	67.8	67.9	65.5	-.1	3.5
Durable Goods[e]	34.9	34.9	32.8	.0	6.5
Stone, clay, and glass products	1.3	1.3	1.5	.9	-9.1
Fabricated metal products	13.0	13.0	12.2	-.1	7.1
Machinery, except electrical	9.1	9.1	8.8	-.2	3.6
Special industry machinery	1.4	1.4	1.4	.8	6.8
Nondurable Goods[f]	32.9	33.0	32.7	-.3	.6
Food and kindred products	2.8	2.8	2.7	.3	4.0
Chemicals and allied products	2.9	2.9	3.2	-.7	-10.0
Rubber and misc. plastics products	22.0	22.1	21.5	-.5	1.9
Tires and inner tubes	15.6	15.6	15.5	.0	.8
NONMANUFACTURING[g]	183.1	181.9	179.9	.6	1.8
CONSTRUCTION	8.1	7.6	8.0	7.4	1.9
TRANSPORTATION AND PUBLIC UTILITIES	12.6	12.7	12.7	-.4	-.6
Communication, electric, gas services	5.3	5.3	5.5	-.2	-3.8
WHOLESALE TRADE	11.6	11.6	11.7	.5	-1.0
RETAIL TRADE	46.3	46.1	45.4	.4	1.9
FINANCE, INSURANCE, AND REAL ESTATE	9.6	9.6	9.4	.2	1.9
SERVICES	57.3	56.9	55.0	.7	4.2
GOVERNMENT	36.9	36.9	36.9	-.1	-.2
State government (includes education)	10.1	9.0	10.1	12.4	.0
Local government (includes education)	24.5	25.7	24.7	-4.4	-.6

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Akron area is defined as Portage and Summit Counties. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; primary metal industries; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

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Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN AKRON METROPOLITAN AREA[a]
JULY 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	July 1984[b]	June 1984[c]	July 1983[c]	July 1984[b]	June 1984[c]	July 1983[c]	July 1984[b]	June 198[c]	July 1983[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$468.70	$476.11	$438.84	43.6	43.8	42.4	$10.75	$10.87	$10.35
Durable Goods[d]	475.89	491.48	441.38	43.5	44.0	42.4	10.94	11.17	10.41
Stone, clay, and glass products	389.75	391.46	368.28	41.2	41.6	39.9	9.46	9.41	9.23
Fabricated metal products	553.41	606.15	494.59	43.0	44.9	42.6	12.87	13.50	11.61
Machinery, except electrical	420.81	413.95	407.68	45.2	44.8	42.6	9.31	9.24	9.57
Special industry machinery	519.48	493.44	427.85	49.1	48.0	43.0	10.58	10.28	9.95
Nondurable Goods[e]	457.98	455.18	435.02	43.7	43.6	42.4	10.48	10.44	10.26
Food and kindred products	456.43	468.86	454.72	44.4	45.3	44.8	10.28	10.35	10.15
Chemicals and allied products	467.41	458.64	471.90	43.0	42.0	42.9	10.87	10.92	11.00
Rubber and misc. plastics products	487.42	484.65	459.22	44.8	45.0	43.2	10.88	10.77	10.63
Tires and inner tubes	665.14	657.76	594.79	48.8	48.4	45.3	13.63	13.59	13.13
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	612.97	632.78	556.32	38.6	40.1	36.6	15.88	15.78	15.20
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	501.02	502.25	469.50	41.0	41.0	40.3	12.22	12.25	11.65
WHOLESALE TRADE	321.16	323.61	301.45	39.6	40.1	39.2	8.11	8.07	7.69
RETAIL TRADE[f]	178.78	177.90	177.21	30.2	30.0	30.5	5.92	5.93	5.81
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
State government (includes education)	......	......	......	....	....	....	....	....	....
Local government (includes education)	......	......	......	....	....	....	....	....	....

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Akron area is defined as Portage and Summit Counties. Date relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; furniture and fixtures; primary metal industries; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CANTON METROPOLITAN AREA[a]
JULY 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	July 1984[b]	June 1984[c]	July 1983[c]	June 1984	July 1983
TOTAL	147.9	148.6	144.5	- .5	2.3
MANUFACTURING	45.3	45.3	44.3	.0	2.2
Durable Goods[e]	33.8	33.7	33.6	.2	.5
Stone, clay, and glass products	1.6	1.6	1.8	- .1	- 9.8
Primary metal industries	11.4	11.2	10.8	1.7	5.7
Fabricated metal products	7.3	7.4	7.5	- 1.0	- 2.0
Fabricated structural metal products	1.7	1.7	2.1	.0	- 19.6
Metal forgings and stampings	2.5	2.5	2.2	- 1.3	15.7
Nondurable Goods[f]	11.5	11.6	10.7	- .7	7.7
Food and kindred products	4.2	4.2	3.8	.1	10.9
Rubber and misc. plastics products	2.8	2.9	2.5	- 1.4	13.5
NONMANUFACTURING[g]	102.5	103.3	100.2	- .7	2.3
CONSTRUCTION	5.4	4.9	4.9	9.0	9.8
TRANSPORTATION AND PUBLIC UTILITIES	5.9	5.9	6.0	.0	- 2.3
Communication, electric, gas services	2.7	2.7	2.9	.1	- 4.5
WHOLESALE TRADE	7.6	7.6	7.3	- .1	4.7
RETAIL TRADE	26.5	26.4	26.1	.2	1.3
FINANCE, INSURANCE, AND REAL ESTATE	6.8	6.8	6.4	- .4	4.9
SERVICES	31.9	32.1	31.0	- .6	2.9
GOVERNMENT	17.2	18.2	17.2	- 5.7	- .1
Local government (includes education)	14.4	15.5	14.4	- 6.6	.5

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[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Canton area is defined as Carroll and Stark Counties. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CANTON METROPOLITAN AREA[a]
JULY 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	July 1984[b]	June 1984[c]	July 1983[c]	July 1984[b]	June 1984[c]	July 1983[c]	July 1984[b]	June 1984[c]	July 1983[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$437.89	$442.90	$410.89	40.1	40.3	38.8	$10.92	$10.99	$10.59
Durable Goods[d]	454.80	461.90	414.72	40.0	40.2	38.4	11.37	11.49	10.80
Stone, clay, and glass products	279.74	277.03	281.10	39.4	38.8	40.1	7.10	7.14	7.01
Primary metal industries	497.71	499.28	445.33	40.3	40.2	37.9	12.35	12.42	11.75
Fabricated metal products	478.36	530.00	448.09	40.3	42.4	39.1	11.87	12.50	11.46
Fabricated structural metal products	392.18	392.18	377.31	41.5	41.5	35.9	9.45	9.45	10.51
Metal forgings and stampings	563.33	666.82	529.42	41.3	45.3	40.6	13.64	14.72	13.04
Nondurable Goods[e]	388.80	386.92	395.81	40.5	40.6	39.9	9.60	9.53	9.92
Food and kindred products	392.35	388.85	435.20	40.2	39.8	39.6	9.76	9.77	10.99
Rubber and misc. plastics products	443.66	441.50	404.12	43.2	43.2	42.9	10.27	10.22	9.42
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	594.15	573.25	558.84	37.7	36.7	35.8	15.76	15.62	15.61
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	505.40	493.64	462.64	41.7	41.0	40.3	12.12	12.04	11.48
WHOLESALE TRADE	332.76	312.18	308.76	37.6	35.8	37.2	8.85	8.72	8.30
RETAIL TRADE[f]	162.36	161.46	162.64	29.9	29.9	30.4	5.43	5.40	5.35
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
Local government (includes education)	......	......	......	....	....	....	....	....	....

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Canton area is defined as Carroll and Stark Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; furniture and fixtures; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CINCINNATI METROPOLITAN AREA[a]
JULY 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	July 1984[b]	June 1984[c]	July 1983[c]	June 1984	July 1983
TOTAL	589.8	595.5	573.0	- 1.0	2.9
MANUFACTURING	145.8	145.9	140.0	- .1	4.1
Durable Goods[e]	79.5	79.4	76.5	.1	3.9
Furniture and fixtures	2.0	2.0	2.2	- 1.3	- 8.1
Primary metal industries	2.2	2.2	1.8	- .6	20.5
Fabricated metal products	12.4	12.5	12.0	- .8	3.2
Fabricated structural metal products	3.6	3.6	3.8	- 2.2	- 6.6
Machinery, except electrical	19.1	18.9	18.4	.9	4.0
Metalworking machinery	8.0	7.9	7.8	.9	2.5
General industrial machinery	3.6	3.5	3.4	.7	4.2
Electric and electronic equipment	8.1	8.1	8.2	.1	- .6
Transportation equipment	25.5	25.4	24.2	.1	5.1
Motor vehicles and equipment	10.0	10.1	9.2	- 1.6	8.7
Nondurable Goods[f]	66.3	66.5	63.6	- .2	4.4
Food and kindred products	14.4	14.7	13.8	- 2.4	4.1
Meat products	2.3	2.4	1.8[h]	- .3	27.3
Bakery products	2.5	2.6	2.4	- 1.2	5.7
Beverages	4.0	4.3	4.0	- 6.7	- .6
Apparel and other textile products	3.9	4.0	3.9	- 2.6	- 1.7
Paper and allied products	6.1	6.1	5.8	- .4	4.3
Printing and publishing	11.8	11.7	11.1[h]	1.4	6.7
Chemicals and allied products	22.0	21.9	21.1	.4	4.0
Rubber and misc. plastics products	5.0	4.9	4.4	1.6	12.4
NONMANUFACTURING[g]	444.0	449.6	433.0	- 1.2	2.5
CONSTRUCTION	21.7	21.3	20.9	2.0	3.9
TRANSPORTATION AND PUBLIC UTILITIES	31.1	31.2	31.7	- .4	- 2.1
Communication, electric, gas services	14.1	14.1	15.0	.1	- 5.7
WHOLESALE TRADE	36.4	36.4	36.2	.1	.4
RETAIL TRADE	105.8	105.9	104.0	- .1	1.7
FINANCE, INSURANCE, AND REAL ESTATE	33.8	33.5	33.0	1.0	2.5
Banking	7.5	7.4	7.4	.8	1.1
Insurance carriers	11.4	11.3	11.1	1.1	3.0
SERVICES	137.8	138.2	132.0	- .3	4.3
GOVERNMENT	77.1	82.8	74.7	- 6.9	3.2
Federal government	13.3	13.4	12.5	- .9	6.9
State government (includes education)	16.0	17.9	16.3	- 10.9	- 1.9
Local government	47.7	51.4	45.9	- 7.1	4.0
Local government, except education	22.3	22.0	22.5	1.6	- .5
Local government education	25.4	29.4	23.5	- 13.6	8.4

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[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Cincinnati area is defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; stone, clay, and glass products; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

Labor Market Information Division
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Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CINCINNATI METROPOLITAN AREA[a]
JULY 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	July 1984[b]	June 1984[c]	July 1983[c]	July 1984[b]	June 1984[c]	July 1983[c]	July 1984[b]	June 1984[c]	July 1983[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$432.19	$437.22	$413.91	41.2	41.6	40.9	$10.49	$10.51	$10.12
Durable Goods[d]	423.32	434.93	396.96	40.9	41.7	40.3	10.35	10.43	9.85
Furniture and fixtures	345.61	357.42	311.98	40.9	42.0	40.1	8.45	8.51	7.78
Primary metal industries	469.04	507.83	400.27	40.4	43.0	37.2	11.61	11.81	10.76
Fabricated metal products	390.05	380.16	391.19	40.8	40.4	42.2	9.56	9.41	9.27
Fabricated structural metal products	413.40	400.18	353.42	43.7	42.8	41.0	9.46	9.35	8.62
Machinery, except electrical	387.45	388.81	354.88	41.0	41.1	38.7	9.45	9.46	9.17
Metalworking machinery	426.78	418.26	381.58	40.3	39.2	37.3	10.59	10.67	10.23
General industrial machinery	342.40	347.49	330.00	40.0	40.5	40.0	8.56	8.58	8.25
Electric and electronic equipment	331.70	330.87	299.14	40.9	41.0	38.9	8.11	8.07	7.69
Transportation equipment	582.82	617.92	538.00	41.6	43.7	41.1	14.01	14.14	13.09
Motor vehicles and equipment	613.96	705.02	591.93	41.4	45.9	42.1	14.83	15.36	14.06
Nondurable Goods[e]	441.15	440.54	433.47	41.5	41.6	41.6	10.63	10.59	10.42
Food and kindred products	509.08	495.79	486.21	44.0	43.3	42.8	11.57	11.45	11.36
Meat products	400.74	402.53	393.72	41.7	41.8	40.8	9.61	9.63	9.65
Bakery products	503.55	480.13	452.13	45.0	43.1	43.6	11.19	11.14	10.37
Beverages	466.28	475.42	447.10	41.3	42.6	42.1	11.29	11.16	10.62
Apparel and other textile products	211.34	215.88	212.41	35.7	36.1	37.2	5.92	5.98	5.71
Paper and allied products	386.90	384.57	375.42	42.1	42.4	41.3	9.19	9.07	9.09
Printing and publishing	412.00	408.83	404.48	40.0	39.5	39.5	10.30	10.35	10.24
Chemicals and allied products	498.84	514.16	510.62	40.1	41.1	42.2	12.44	12.51	12.10
Rubber and misc. plastics products	412.41	393.09	397.42	46.6	46.3	46.7	8.85	8.49	8.51
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	556.14	552.24	563.39	39.0	39.0	38.3	14.26	14.16	14.71
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	470.04	466.88	443.77	39.4	39.3	39.8	11.93	11.88	11.15
WHOLESALE TRADE	361.98	364.99	340.96	40.4	40.6	39.6	8.96	8.99	8.61
RETAIL TRADE[f]	166.47	167.46	165.67	31.0	31.3	31.2	5.37	5.35	5.31
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
Banking	231.80	230.14	221.93	....	....	....	....	....	....
Insurance carriers	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
Federal government	......	......	......	....	....	....	....	....	....
State government (includes education)	......	......	......	....	....	....	....	....	....
Local government	......	......	......	....	....	....	....	....	....
Local government, except education	......	......	......	....	....	....	....	....	....
Local government education	......	......	......	....	....	...	....	....	....

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[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Cincinnati area is defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; stone, clay, and glass products; instruments and related products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CLEVELAND METROPOLITAN AREA[a]

JULY 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	July 1984[b]	June 1984[c]	July 1983[c]	June 1984	July 1983
TOTAL	833.9	838.6	832.8	- .6	.1
MANUFACTURING	209.8	211.6	206.2	- .9	1.7
Durable Goods[e]	144.9	146.4	143.0	- 1.0	1.3
Furniture and fixtures	2.0	2.1	2.0	- 2.6	1.4
Primary metal industries	23.8	24.2	23.8	- 1.7	.0
Blast furnace and basic steel products	11.4	11.4	12.7	- .2	- 10.2
Iron and steel foundries	5.9	6.1	5.4	- 4.3	9.1
Nonferrous foundries	2.5	2.6	2.3	- 3.0	10.4
Fabricated metal products	31.4	31.9	30.9	- 1.7	1.5
Fabricated structural metal products	3.8	3.8	3.7	.4	2.9
Screw machine products, bolts, etc.	4.1	4.2	4.3	- 3.0	- 5.2
Metal forgings and stampings	10.7	10.9	10.4	- 2.3	2.9
Machinery, except electrical	32.1	32.3	30.7	- .4	4.7
Construction and related machinery	4.8	4.8	5.5	- 1.3	- 12.8
Metalworking machinery	10.4	10.5	10.0	- 1.1	3.7
Special industry machinery	3.3	3.3	2.9	1.1	14.1
General industrial machinery	2.8	2.8	2.6	.2	9.2
Electric and electronic equipment	22.3	22.4	22.0	- .3	1.6
Electrical industrial apparatus	7.5	7.5	7.4	- .1	2.2
Transportation equipment	19.2	19.6	20.1	- 1.8	- 4.4
Motor vehicles and equipment	12.7	13.1	13.7	- 2.9	- 7.4
Instruments and related products	5.9	5.9	5.8	.5	3.2
Nondurable Goods[f]	64.9	65.2	63.2	- .4	2.6
Food and kindred products	7.7	7.7	7.8	- .7	- 1.1
Bakery products	1.8	1.8	1.8	.0	- .6
Beverages	1.6	1.6	1.7	- 1.0	- 6.2
Apparel and other textile products	5.1	5.2	4.8	- 2.5	6.6
Paper and allied products	5.0	5.1	4.8	- 1.6	3.8
Printing and publishing	15.3	15.2	14.8	.9	3.3
Chemicals and allied products	14.4	14.5	14.5	- .6	- .7
Industrial inorganic chemicals	3.2	3.2	3.3	- .5	- 1.4
Rubber and misc. plastics products	11.1	11.3	10.6	- 1.9	5.0
NONMANUFACTURING[g]	624.1	627.0	626.6	- .5	- .4
CONSTRUCTION	26.1	25.4	27.4	2.8	- 4.7
TRANSPORTATION AND PUBLIC UTILITIES	42.0	42.0	42.1	.0	- .3
Communication, electric, gas services	19.7	19.7	20.2	.2	- 2.2
WHOLESALE TRADE	58.0	58.1	58.5	- .2	- .9
RETAIL TRADE	135.0	136.3	134.8	- .9	.1
FINANCE, INSURANCE, AND REAL ESTATE	48.5	48.3	49.5	.5	- 2.0
Banking	12.7	12.6	13.5	.7	- 5.9
Insurance carriers	11.7	11.7	12.2	.1	- 4.7
SERVICES	200.6	201.6	196.2	- .5	2.3
GOVERNMENT	112.7	114.1	117.0	- 1.2	- 3.7
Federal government	19.5	19.5	19.5	.0	- .1
State government (includes education)	7.4	8.1	7.5	- 8.0	- .5
Local government	85.8	86.5	90.0	- .9	- 4.7
Local government, except education	47.3	44.5	50.9	6.2	- 7.1
Local government education	38.5	42.0	39.1	- 8.4	- 1.6

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Cleveland area is defined as Cuyahoga, Geauga, Lake, and Medina Counties. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; stone, clay, and glass products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CLEVELAND METROPOLITAN AREA[a]

JULY 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	July 1984[b]	June 1984[c]	July 1983[c]	July 1984[b]	June 1984[c]	July 1983[c]	July 1984[b]	June 1984[c]	July 1983[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$438.29	$454.44	$423.46	41.0	42.0	40.6	$10.69	$10.82	$10.43
Durable Goods[d]	461.44	483.08	446.76	41.2	42.6	40.8	11.20	11.34	10.95
Furniture and fixtures	318.67	335.71	312.37	39.1	41.6	38.9	8.15	8.07	8.09
Primary metal industries	501.25	535.94	510.46	40.1	42.2	41.1	12.50	12.70	12.42
Blast furnace and basic steel products	485.83	485.46	471.78	37.2	37.2	36.8	13.06	13.05	12.82
Iron and steel foundries	617.81	718.91	658.88	42.2	47.8	46.4	14.64	15.04	14.20
Nonferrous foundries	343.61	358.26	364.32	41.2	42.0	41.4	8.34	8.53	8.80
Fabricated metal products	455.15	476.33	411.37	42.3	43.5	39.9	10.76	10.95	10.31
Fabricated structural metal products	395.17	377.22	361.67	43.0	42.1	39.7	9.19	8.96	9.11
Screw machine products, bolts, etc.	408.90	438.41	395.69	43.5	46.1	40.5	9.40	9.51	9.77
Metal forgings and stampings	565.73	612.90	498.15	42.6	45.4	41.0	13.28	13.50	12.15
Machinery, except electrical	454.37	475.00	442.00	41.8	43.3	40.7	10.87	10.97	10.86
Construction and related machinery	473.08	477.30	469.20	40.4	40.9	39.1	11.71	11.67	12.00
Metalworking machinery	400.79	417.96	422.54	39.8	41.3	39.9	10.07	10.12	10.59
Special industry machinery	462.58	463.32	446.62	40.4	40.5	40.2	11.45	11.44	11.11
General industrial machinery	413.45	412.06	380.16	42.8	42.7	40.4	9.66	9.65	9.41
Electric and electronic equipment	384.94	389.85	373.35	39.4	39.7	39.3	9.77	9.82	9.50
Electrical industrial apparatus	416.52	414.06	347.72	40.4	40.2	35.7	10.31	10.30	9.74
Transportation equipment	598.88	624.72	560.73	44.1	45.6	43.4	13.58	13.70	12.92
Motor vehicles and equipment	636.92	668.05	601.04	44.2	46.2	44.0	14.41	14.46	13.66
Instruments and related products	357.80	371.84	363.69	39.8	41.5	41.9	8.99	8.96	8.68
Nondurable Goods[e]	376.81	380.70	365.71	40.3	40.5	40.1	9.35	9.40	9.12
Food and kindred products	393.54	399.00	388.96	41.6	42.0	41.6	9.46	9.50	9.35
Bakery products	432.28	432.28	390.26	42.8	42.8	40.4	10.10	10.10	9.66
Beverages	335.48	366.54	349.45	39.1	41.7	41.7	8.58	8.79	8.38
Apparel and other textile products	277.02	270.00	268.03	38.0	37.5	38.4	7.29	7.20	6.98
Paper and allied products	439.64	422.17	400.79	43.4	42.6	42.1	10.13	9.91	9.52
Printing and publishing	370.48	367.26	361.64	36.5	35.9	35.7	10.15	10.23	10.13
Chemicals and allied products	468.84	471.75	445.77	42.2	42.5	41.7	11.11	11.10	10.69
Industrial inorganic chemicals	514.46	514.88	488.64	42.1	42.1	41.8	12.22	12.23	11.69
Rubber and misc. plastics products	325.10	348.08	335.02	41.1	42.5	42.3	7.91	8.19	7.92
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	756.68	761.11	689.89	39.7	39.6	38.2	19.06	19.22	18.06
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	524.28	523.52	487.63	40.8	40.9	40.2	12.85	12.80	12.13
WHOLESALE TRADE	356.00	355.90	338.77	39.6	39.5	39.3	8.99	9.01	8.62
RETAIL TRADE[f]	181.45	179.87	177.61	29.6	29.2	29.9	6.13	6.16	5.94
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
Banking	258.25	255.47	247.74	....	....	....	....	....	....
Insurance carriers	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
Federal government	......	......	......	....	....	....	....	....	....
State government (includes education)	......	......	......	....	....	....	....	....	....
Local government	......	......	......	....	....	....	....	....	....
Local government, except education	......	......	......	....	....	....	....	....	....
Local government education	......	......	......	....	....	....	....	....	....

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[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Cleveland area is defined as Cuyahoga, Geauga, Lake, and Medina Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; stone, clay, and glass products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN COLUMBUS METROPOLITAN AREA[a]
JULY 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	July 1984[b]	June 1984[c]	July 1983[c]	June 1984	July 1983
TOTAL	514.4	523.5	498.0	-1.8	3.3
MANUFACTURING	88.2	88.4	83.5	-.2	5.6
Durable Goods[e]	57.0	57.2	52.9	-.4	7.8
Stone, clay, and glass products	9.4	9.5	9.2	-.6	2.8
Fabricated metal products	10.1	10.0	9.3	.4	8.1
Machinery, except electrical	10.0	10.0	9.0	-.7	10.9
Electric and electronic equipment	10.2	10.3	9.8	-1.2	3.7
Transportation equipment	8.9	9.1	7.9	-1.2	12.7
Nondurable Goods[f]	31.2	31.2	30.6	.2	1.9
Food and kindred products	10.1	10.0	9.7	.5	3.7
Printing and publishing	8.0	8.1	8.0	-.5	.3
Chemicals and allied products	6.3	6.3	6.0	.3	5.0
Rubber and misc. plastics products	2.8	2.7	2.6	3.4	7.7
NONMANUFACTURING[g]	426.2	435.1	414.5	-2.1	2.8
CONSTRUCTION	17.6	16.8	16.5	5.2	7.1
TRANSPORTATION AND PUBLIC UTILITIES	23.4	23.3	22.9	.5	2.2
Communication, electric, gas services	11.2	11.2	11.0	.0	1.7
WHOLESALE TRADE	28.0	28.0	27.4	.1	2.4
RETAIL TRADE	97.5	98.3	93.5	-.7	4.4
FINANCE, INSURANCE, AND REAL ESTATE	45.9	45.6	43.7	.7	4.9
Banking	8.8	8.9	8.6	-.3	2.6
Insurance carriers	18.2	18.1	18.0	.5	1.3
SERVICES	117.2	118.5	113.3	-1.1	3.4
GOVERNMENT	95.9	104.2	96.7	-7.9	-.8
Federal government	11.9	11.9	11.4	.1	4.9
State government	44.4	49.0	44.1	-9.3	.6
State government, except education	27.6	27.5	28.4	.5	-2.8
State government education[i]	16.8	21.5	15.7	-21.9	6.9
Local government	39.6	43.3	41.3	-8.5	-4.0
Local government, except education	18.7	18.2	20.7	2.4	-9.8
Local government education	20.9	25.1	20.5	-16.5	1.9

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Columbus area is defined as Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes. [i] Includes State Universities, State Schools for Deaf and Blind, and the State Library. Excludes hospitals, the agricultural extension service, agricultural research centers, and departments coordinating and administering education programs (notably, the Ohio Department of Education).

Labor Market Information Division
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Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN COLUMBUS METROPOLITAN AREA[a]
JULY 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	July 1984[b]	June 1984[c]	July 1983[c]	July 1984[b]	June 1984[c]	July 1983[c]	July 1984[b]	June 1984[c]	July 1983[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$416.77	$417.58	$406.62	40.7	40.7	40.5	$10.24	$10.26	$10.04
Durable Goods[d]	424.44	427.11	424.85	40.5	40.6	40.5	10.48	10.52	10.49
Stone, clay, and glass products	405.22	402.60	391.15	40.2	40.3	40.2	10.08	9.99	9.73
Fabricated metal products	488.03	488.82	505.47	40.2	40.1	41.5	12.14	12.19	12.18
Machinery, except electrical	409.19	419.47	408.92	41.5	42.2	42.2	9.86	9.94	9.69
Electric and electronic equipment	409.45	426.18	417.73	40.3	40.9	41.4	10.16	10.42	10.09
Transportation equipment	530.19	508.32	503.42	43.0	41.7	41.4	12.33	12.19	12.16
Nondurable Goods[e]	397.70	393.98	369.36	41.0	40.7	40.5	9.70	9.68	9.12
Food and kindred products	383.55	378.53	377.36	41.6	41.1	42.4	9.22	9.21	8.90
Printing and publishing	456.58	452.29	438.14	38.4	38.2	38.0	11.89	11.84	11.53
Chemicals and allied products	451.28	455.52	406.00	41.1	41.6	40.6	10.98	10.95	10.00
Rubber and misc. plastics products	328.74	326.90	305.56	42.2	42.4	41.8	7.79	7.71	7.31
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	499.99	497.70	485.20	39.4	39.5	37.7	12.69	12.60	12.87
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	516.48	515.26	475.61	40.7	40.7	39.9	12.69	12.66	11.92
WHOLESALE TRADE	294.32	295.87	316.37	39.4	40.2	40.2	7.47	7.36	7.87
RETAIL TRADE[f]	162.55	158.95	171.05	29.5	28.9	30.6	5.51	5.50	5.59
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
Banking	243.44	239.82	238.32	....	....	....	....	....	....
Insurance carriers	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
Federal government	......	......	......	....	....	....	....	....	....
State government	......	......	......	....	....	....	....	....	....
State government, except education	......	......	......	....	....	....	....	....	....
State government education	......	......	......	....	....	....	....	....	....
Local government	......	......	......	....	....	....	....	....	....
Local government, except education	......	......	......	....	....	....	....	....	....
Local government education	......	......	......	....	....	....	....	....	....

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Columbus area is defined as Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN DAYTON METROPOLITAN AREA[a]
JULY 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	July 1984[b]	June 1984[c]	July 1983[c]	June 1984	July 1983
TOTAL	343.3	346.4	331.4	-.9	3.6
MANUFACTURING	91.3	91.4	85.2	-.1	7.2
Durable Goods[e]	63.4	63.5	56.8	-.2	7.8
Stone, clay, and glass products	2.1	2.1	2.0	1.8	5.8
Fabricated metal products	7.2	7.2	6.6	-.4	8.6
Machinery, except electrical	29.4	29.6	26.8	-.8	9.8
Metalworking machinery	6.6	6.7	6.1	-.6	9.1
Electric and electronic equipment	5.0	5.0	4.8	.5	4.2
Electrical industrial apparatus	2.9	2.9	2.8	-.4	3.7
Transportation equipment	13.5	13.3	13.0	1.0	3.6
Nondurable Goods[f]	28.0	28.0	26.4	.1	6.0
Food and kindred products	2.8	2.8	2.8	.1	.6
Paper and allied products	5.8	5.8	5.0	-.6	14.6
Printing and publishing	7.4	7.4	7.1	.7	4.6
Rubber and misc. plastics products	8.2	8.2	8.0	.5	3.5
NONMANUFACTURING[g]	251.9	254.9	246.2	-1.2	2.3
CONSTRUCTION	10.3	9.9	10.0	4.0	3.3
TRANSPORTATION AND PUBLIC UTILITIES	13.0	13.0	12.9	-.2	.7
Communication, electric, gas services	5.7	5.7	6.0	-.1	-5.9
WHOLESALE TRADE	17.1	17.0	16.7	.4	2.3
RETAIL TRADE	56.0	56.5	55.2	-.9	1.5
FINANCE, INSURANCE, AND REAL ESTATE	14.3	14.2	14.0	.5	1.7
SERVICES	77.7	78.0	75.1	-.4	3.4
GOVERNMENT	63.3	66.0	62.0	-4.1	2.0
Federal government	27.1	26.9	26.4	.9	2.8
State government (includes education)	5.4	6.2	5.3	-12.5	2.4
Local government	30.7	32.9	30.3	-6.6	1.3
Local government, except education	13.5	13.5	13.5	.6	.2
Local government education	17.2	19.4	16.8	-11.5	2.3

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Dayton area is defined as Greene, Miami, Montgomery, and Preble Counties. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

Labor Market Information Division
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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN DAYTON METROPOLITAN AREA[a]

JULY 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	July 1984[b]	June 1984[c]	July 1983[c]	July 1984[b]	June 1984[c]	July 1983[c]	July 1984[b]	June 1984[c]	July 1983[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$482.46	$469.11	$451.31	43.0	42.3	42.1	$11.22	$11.09	$10.72
Durable Goods[d]	492.24	473.03	452.41	43.6	42.5	42.4	11.29	11.13	10.67
Stone, clay, and glass products	393.54	398.54	371.84	42.0	42.9	39.1	9.37	9.29	9.51
Fabricated metal products	378.00	350.17	321.40	43.2	41.1	39.1	8.75	8.52	8.22
Machinery, except electrical	534.60	506.48	466.75	45.0	43.7	42.9	11.88	11.59	10.88
Metalworking machinery	499.22	488.25	441.58	45.8	45.0	42.5	10.90	10.85	10.39
Electric and electronic equipment	338.24	340.65	310.46	41.4	41.9	39.2	8.17	8.13	7.92
Electrical industrial apparatus	375.58	369.60	320.50	42.2	42.0	38.2	8.90	8.80	8.39
Transportation equipment	629.23	609.77	595.82	44.5	43.4	44.2	14.14	14.05	13.48
Nondurable Goods[e]	459.68	458.28	450.53	41.6	41.7	41.6	11.05	10.99	10.83
Food and kindred products	404.70	404.18	386.28	42.2	42.5	39.7	9.59	9.51	9.73
Paper and allied products	417.69	425.04	394.31	43.6	44.6	43.0	9.58	9.53	9.17
Printing and publishing	424.63	416.19	420.92	39.1	38.5	38.3	10.86	10.81	10.99
Rubber and misc. plastics products	572.40	568.16	575.53	42.4	42.4	43.9	13.50	13.40	13.11
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	534.66	522.83	544.66	39.4	38.5	39.1	13.57	13.58	13.93
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	500.21	498.98	467.08	40.8	40.7	40.3	12.26	12.26	11.59
WHOLESALE TRADE	370.66	363.80	336.98	43.2	42.6	41.5	8.58	8.54	8.12
RETAIL TRADE[f]	160.78	162.21	161.87	29.5	29.6	30.2	5.45	5.48	5.36
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
Federal government	......	......	......	....	....	....	....	....	....
State government (includes education)	......	......	......	....	....	....	....	....	....
Local government	......	......	......	....	....	....	....	....	....
Local government, except education	......	......	......	....	....	....	....	....	....
Local government education	......	......	......	....	....	....	....	....	....

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Dayton area is defined as Greene, Miami, Montgomery, and Preble Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

Labor Market Information Division
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Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN TOLEDO METROPOLITAN AREA[a]
JULY 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	July 1984[b]	June 1984[c]	July 1983[c]	June 1984	July 1983
TOTAL	286.4	291.3	277.6	- 1.7	3.2
MANUFACTURING	75.0	75.5	68.9	- .7	8.9
Durable Goods[e]	59.2	59.4	53.2	- .3	11.3
Stone, clay, and glass products	11.2	11.3	11.4	- .6	- 1.2
Primary metal industries	4.1	4.0	3.7	2.6	11.3
Fabricated metal products	8.6	8.7	7.6	- 1.5	13.0
Metal forgings and stampings	4.0	4.1	3.5	- 2.3	12.1
Machinery, except electrical	6.4	6.4	6.1	- .6	5.6
General industrial machinery	1.5	1.5	1.6	- .5	- 6.5
Transportation equipment	20.9	20.9	17.0	- .1	23.0
Motor vehicles and equipment	19.6	19.7	15.8	- .4	23.9
Nondurable Goods[f]	15.8	16.1	15.6	- 2.2	.7
Food and kindred products	3.8	4.0	3.9	- 6.6	- 4.1
Rubber and misc. plastics products	4.3	4.4	3.4	- 3.4	24.2
NONMANUFACTURING[g]	211.4	215.8	208.7	- 2.0	1.3
CONSTRUCTION	10.3	10.0	10.8	2.8	- 4.3
TRANSPORTATION AND PUBLIC UTILITIES	17.8	17.7	17.8	.7	.3
Communication, electric, gas services	7.6	7.5	7.8	1.0	- 3.5
WHOLESALE TRADE	14.5	14.6	14.5	- .4	.3
RETAIL TRADE	49.9	50.4	49.6	- .9	.7
FINANCE, INSURANCE, AND REAL ESTATE	11.0	11.0	10.8	.3	1.8
SERVICES	66.5	66.5	64.3	- .1	3.4
GOVERNMENT	41.0	45.1	40.6	- 9.3	.9
State government (includes education)	10.7	11.9	11.7	- 10.3	- 8.4
Local government	27.4	30.4	26.1	- 9.7	5.0
Local government, except education	13.5	13.0	12.4	3.5	8.4
Local government education	14.0	17.4	13.7	- 19.6	1.8

[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Toledo area is defined as Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; electric and electronic equipment; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

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Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN TOLEDO METROPOLITAN AREA[a]

JULY 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	July 1984[b]	June 1984[c]	July 1983[c]	July 1984[b]	June 1984[c]	July 1983[c]	July 1984[b]	June 1984[c]	July 1983[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$501.12	$504.98	$467.60	43.2	43.3	41.9	$11.60	$11.66	$11.16
Durable Goods[d]	522.00	529.64	484.99	43.5	43.7	42.1	12.00	12.12	11.52
Stone, clay, and glass products	509.68	506.11	482.08	43.6	43.0	42.7	11.69	11.77	11.29
Primary metal industries	500.96	491.90	458.74	45.5	44.8	43.4	11.01	10.98	10.57
Fabricated metal products	446.61	476.73	447.12	41.2	43.3	41.4	10.84	11.01	10.80
Metal forgings and stampings	500.99	535.84	500.07	41.2	43.6	42.2	12.16	12.29	11.85
Machinery, except electrical	446.90	437.44	421.22	42.4	41.9	39.7	10.54	10.44	10.61
General industrial machinery	459.79	456.21	459.00	41.2	41.1	38.8	11.16	11.10	11.83
Transportation equipment	626.92	640.22	555.50	45.2	45.6	42.6	13.87	14.04	13.04
Motor vehicles and equipment	628.73	643.46	555.08	45.2	45.7	42.6	13.91	14.08	13.03
Nondurable Goods[e]	415.38	402.55	405.66	42.0	41.5	41.1	9.89	9.70	9.87
Food and kindred products	457.10	451.11	454.92	42.8	42.8	44.6	10.68	10.54	10.20
Rubber and misc. plastics products	323.01	327.63	320.15	39.2	40.2	38.9	8.24	8.15	8.23
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	614.01	624.47	646.94	37.6	38.5	38.6	16.33	16.22	16.76
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	514.16	503.06	486.21	41.1	40.8	41.1	12.51	12.33	11.83
WHOLESALE TRADE	335.78	331.45	333.50	38.2	37.2	38.6	8.79	8.91	8.64
RETAIL TRADE[f]	160.99	162.69	166.50	28.8	29.0	30.0	5.59	5.61	5.55
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
State government (includes education)	......	......	......	....	....	....	....	....	....
Local government	......	......	......	....	....	....	....	....	....
Local government, except education	......	......	......	....	....	....	....	....	....
Local government education	......	......	......	....	....	....	....	....	....

[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Toledo area is defined as Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; furniture and fixtures; electric and electronic equipment; instruments and related products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN YOUNGSTOWN-WARREN METROPOLITAN AREA[a]
JULY 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	July 1984[b]	June 1984[c]	July 1983[c]	June 1984	July 1983
TOTAL	181.6	182.7	178.9	- .6	1.5
MANUFACTURING	55.8	55.6	53.9	.3	3.5
Durable Goods[e]	50.4	50.4	48.9	.1	3.2
Stone, clay, and glass products	1.7	1.6	1.6	6.4	7.7
Primary metal industries	23.2	23.3	22.2	- .7	4.4
Blast furnace and basic steel products	9.3	9.4	9.0	- 1.1	3.9
Fabricated metal products	8.6	8.6	8.0	.3	7.8
Fabricated structural metal products	2.1	2.0	1.9	2.5	7.8
Machinery, except electrical	3.9	3.9	4.0	- .3	- 3.3
Metalworking machinery	1.5	1.5	2.0	- .8	- 23.5
Electric and electronic equipment	2.8	2.7	2.6	1.7	7.0
Transportation equipment	8.8	8.7	9.1	.5	- 3.4
Nondurable Goods[f]	5.4	5.3	5.0	2.3	6.9
NONMANUFACTURING[g]	125.8	127.1	125.0	- 1.0	.6
CONSTRUCTION	5.4	5.3	5.3	2.6	2.1
TRANSPORTATION AND PUBLIC UTILITIES	7.5	7.5	7.7	- .3	- 3.0
Communication, electric, gas services	3.1	3.1	3.3	.1	- 6.2
WHOLESALE TRADE	7.9	7.9	7.7	.9	2.6
RETAIL TRADE	34.0	34.1	34.3	- .2	- .7
FINANCE, INSURANCE, AND REAL ESTATE	7.4	7.3	7.3	.7	1.9
SERVICES	40.7	40.6	39.7	.1	2.4
GOVERNMENT	22.2	23.7	22.4	- 6.3	- .6
Local government (includes education)	17.2	17.8	17.4	- 3.3	- 1.1

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Youngstown-Warren area is defined as Mahoning and Trumbull Counties. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; instruments and related products; miscellaneous manufacturing. [f] Includes food and kindred products; tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and misc. plastics products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN YOUNGSTOWN-WARREN METROPOLITAN AREA[a]
JULY 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	July 1984[b]	June 1984[c]	July 1983[c]	July 1984[b]	June 1984[c]	July 1983[c]	July 1984[b]	June 1984[c]	July 1983[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$577.25	$551.27	$535.46	44.2	42.9	42.7	$13.06	$12.85	$12.54
Durable Goods[d]	596.75	565.45	551.26	44.6	43.0	43.0	13.38	13.15	12.82
Stone, clay, and glass products	368.45	381.81	358.42	38.5	39.2	39.3	9.57	9.74	9.12
Primary metal industries	581.99	561.43	524.40	41.9	41.1	40.0	13.89	13.66	13.11
Blast furnace and basic steel products	513.26	527.83	519.29	39.3	40.2	39.4	13.06	13.13	13.18
Fabricated metal products	570.10	599.32	630.67	42.8	44.1	45.8	13.32	13.59	13.77
Fabricated structural metal products	426.42	417.15	421.47	41.4	40.5	39.5	10.30	10.30	10.67
Machinery, except electrical	465.81	465.75	471.24	40.4	40.5	39.5	11.53	11.50	11.93
Metalworking machinery	475.45	496.51	511.70	42.3	43.9	42.5	11.24	11.31	12.04
Electric and electronic equipment	432.96	424.96	404.06	41.0	41.5	41.4	10.56	10.24	9.76
Transportation equipment	819.84	681.91	663.80	56.0	48.5	49.5	14.64	14.06	13.41
Nondurable Goods[e]	359.60	385.06	356.84	40.0	41.9	39.3	8.99	9.19	9.08
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	575.92	611.88	585.52	36.8	38.8	37.8	15.65	15.77	15.49
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	498.87	496.08	460.35	41.4	41.1	40.1	12.05	12.07	11.48
WHOLESALE TRADE	330.79	334.65	317.55	35.8	36.1	35.6	9.24	9.27	8.92
RETAIL TRADE[f]	171.93	169.90	168.26	29.9	29.6	30.1	5.75	5.74	5.59
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
Local government (includes education)	......	......	......	....	....	....	....	....	....

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Youngstown-Warren area is defined as Mahoning and Trumbull Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; furniture and fixtures; instruments and related products; miscellaneous manufacturing. [e] Includes food and kindred products; tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and misc. plastics products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

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NOTES ON OHIO EMPLOYMENT, HOURS, AND EARNINGS ESTIMATES

Civilian Labor Force Estimates

Civilian Labor Force.—Estimated number of workers 16 years of age and over, employed or unemployed during week including 12th of month, distributed by place of residence.

Total Employed.—Includes nonagricultural wage and salary workers, the self-employed, unpaid family workers, domestics, agricultural workers, and persons involved in labor disputes. Estimates of self-employed, domestics, and unpaid family workers based on data from U.S. Department of Labor and Bureau of the Census. Agricultural worker estimates derived from information supplied by U.S. Department of Agriculture. Estimates of workers involved in labor disputes based in part upon data from Federal Mediation and Conciliation Service. Employment distributed by place of residence.

Total Unemployed.—Estimated number of persons, by place of residence, who did not work during reference week and were looking for work, whether or not eligible for unemployment compensation. Includes those who did not work and were waiting to be called back to an old job or to report to a new job.

Nonagricultural Wage and Salary Employment

Collection.—Nonagricultural wage and salary employment as well as hours and earnings estimates based on monthly reports from sample of employers. Under cooperative arrangement with U.S. Bureau of Labor Statistics, Division of Research and Statistics of Ohio Bureau of Employment Services mails, edits, and processes Ohio reports, which are subsequently incorporated in national data.

Industrial Classification.—Employer establishments classified by industry on basis of their principal product or service. The Standard Industrial Classification Manual (U.S. Office of Management and Budget, Washington, D. C., 1972, amended 1977) used for classification.

Coverage.—Monthly reports on employment and (for most industries) payroll and hours obtained from approximately 8,000 Ohio employers.

Coverage of Ohio Nonagricultural Employment Sample

Industry Division	Approximate Percentage Covered by Sample
Total	43
Manufacturing	62
Nonmanufacturing	35
Mining	63
Construction	24
Transportation and Public Utilities	47
Wholesale Trade	19
Retail Trade	18
Finance, Insurance, and Real Estate	47
Services and Miscellaneous	21
Government	68

Nonagricultural Employment.—Persons who worked during, or received pay for, any part of pay periods which include 12th of month, distributed by place of employment. Includes persons on paid sick leave, paid holiday, or paid vacation. Excluded are persons laid off, on strike, or on unpaid vacation during entire reporting period. Proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers also excluded. Government employment covers only civilian employees. Full-time teachers considered employed during the summer vacation period, whether or not paid in those months.

Estimating Method.—Total employment is estimated from the employment of establishments reporting for two consecutive months, as follows:

$$\underset{\text{(current month)}}{\text{Total Employment}} = \underset{\text{(previous month)}}{\text{Total Employment}} \times \frac{\text{Sample Employment (current month)}}{\text{Sample Employment (previous month)}}$$

Benchmark Data.—Employment estimates compared annually with complete count of employment, by industry. Where revisions necessary, monthly estimates adjusted to new benchmark. Following revisions to new benchmark, industry data projected forward to current month by use of sample trends. Basic source of benchmark information is tabulations of employment data, by industry and area, compiled from contribution reports of employers covered under Ohio Unemployment Compensation Law.

Hours and Earnings

Method of Computing Averages.—Average hours computed by dividing total production worker hours worked during one week (the seven-day periods which include 12th of month) by number of production workers reported for such week. Average hourly earnings computed by dividing total production worker payroll for one week by total production worker hours for week. Average weekly earnings derived by multiplying average hourly earnings by average weekly hours.

Definitions.—Definitions of production or similar workers, payroll, and hours—from which average hours and earnings data are derived—follow:

Production Workers.—Includes working supervisors and all nonsupervisory workers (including group leaders and trainees) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping, maintenance, repair, janitorial and guard services, product development, auxiliary production for plant's own use (such as power plant), and record keeping and other services closely associated with production operations.

Nonsupervisory Workers.—Includes employees (not above working supervisory level) such as office and clerical workers, repairers, salespersons, operators, drivers, attendants, service employees, line installers, laborers, accountants, janitors, guards, and other employees whose services are closely associated with those of occupations listed.

Payroll.—Represents payroll for full- and part-time production, construction, or nonsupervisory workers who received pay for any part of pay periods which include 12th of month. Payroll is reported before deductions for social security, group insurance, withholding tax, bonds, and union dues; also includes pay for overtime, holidays, vacations, and sick leave paid directly by the firm. Bonuses (unless earned and paid regularly each pay period), tips, pay not earned in pay period reported (such as retroactive pay), and value of free rent, fuel, meals, or other payments in kind, excluded.

Hours.—Represents hours worked or paid for, during pay periods which include 12th of month, for production, construction, or nonsupervisory workers. Hours include time paid for holidays and vacations, and for sick leave when pay received directly from firm.

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Ohio Labor Market Information

BUREAU OF EMPLOYMENT SERVICES

JOB SERVICE OF OHIO

RICHARD F. CELESTE, *Governor*
DR. ROBERTA STEINBACHER, *Administrator*

10/11/84 S6270-1 A

EMPLOYMENT, HOURS, AND EARNINGS IN OHIO
AUGUST 1984

Summary: The seasonally adjusted unemployment rate for Ohio increased sharply from 8.7 percent of the civilian labor force in July, to 9.8 percent in August. The unadjusted rate rose from 8.4 percent to 9.2 percent. The actual number of unemployed workers totaled 482,000 in August, an increment of 35,000 above July. Total employment was down 2.3 percent, to 4,733,000. A seasonal downturn in school and college employment more than offset increases in canning, retail trade, and construction, bringing Ohio nonagricultural employment down to 4,174,000 in August, just 1,000 below the July level. Hours and earnings averages for factory workers were slightly higher.

Factory Employment: Employment in Ohio manufacturing establishments totaled 1,120,000 in August, up .3 percent from July. The improvement was due largely to seasonally expanded operations in canneries. Recalls from layoff raised employment among producers of pottery and related products and metalworking machinery. Lack of orders curtailed employment in blast furnace and basic steel products. Among nondurable-goods industries, slightly reduced employment was reported for chemicals, printing and publishing, and petroleum refining.

Nonmanufacturing: Employment in Ohio nonmanufacturing dropped fractionally in August, to 3,054,000. Seasonal factors were responsible for most of the losses in local and state government education and in private schools and colleges. Construction firms reported increased employment in August. Advances also occurred in eating and drinking places and business and health services.

Factory Hours and Earnings: Weekly earnings of Ohio's manufacturing production workers, averaging $456.46 in August, were $2 above the July level. The average workweek was up slightly, to 41.8 hours in August. Most of the change in hours and earnings was attributable to increased overtime in motor vehicles and iron and steel foundries. Wage rates and hours also rose in blast furnace and basic steel operations, general industrial machinery, and electric lighting and wiring equipment. Cutbacks in overtime resulted in lower averages in metal forgings and stampings, special industry machinery, and metalworking machinery.

Over the Year: Ohio's unadjusted unemployment rate dropped from 10.8 percent of the civilian labor force in August 1983 to 9.2 percent in August 1984. This rate change reflects a decline of 81,000 in the number of jobless workers over the year. Total employment gained 1.4 percent and nonfarm wage and salary employment increased by 2.5 percent. Nonmanufacturing contributed most to the net gain as health and business services and retail trade showed sizable increases between August 1983 and August 1984. In manufacturing, producers of transportation equipment, fabricated metal products, nonelectrical machinery, electric and electronic equipment, and primary metals reported noteworthy employment increases. Manufacturing production workers averaged $23 and .6 hours more per week in August 1984 than one year earlier.

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Labor Market Information Division, BUREAU OF EMPLOYMENT SERVICES, COLUMBUS 43216

EMPLOYMENT, HOURS, AND EARNINGS IN MAJOR METROPOLITAN AREAS

Akron.--Nonfarm payroll employment in Akron totaled 250,300 in August, down 300 from July. The drop was due mainly to partial shutdowns for retooling in fabricated metal products. Losses in government were offset by scattered increases throughout nonmanufacturing. Manufacturing employment dropped 200, to 67,600 in August. Factory production workers earned $10.81 per hour, up 8¢ from July. Their average workweek dropped .2 hours, to 43.1 hours in August.

Canton.--Canton's nonagricultural wage and salary employment increased 400 from July, to 148,300 in August. All of the gain occurred in durable-goods industries, with fabricated metal products and primary metal industries accounting for much of it. These increases boosted manufacturing employment to 45,800, up 400 from July. Production workers in manufacturing earned $10.94 per hour for a workweek of 40.9 hours, up 6¢ and .3 hours from the previous month.

Cincinnati.--Nonagricultural wage and salary employment in Cincinnati stood at 588,500 in August, up slightly from July. Gains in manufacturing and construction were offset by decreases in local government and trade. Increases in motor vehicles and equipment, beverages, and paper products raised manufacturing employment 500, to 146,100 in August. Production workers in factories grossed $10.58 per hour, up 10¢ from July. They worked 41.5 hours per week, up .4 hours.

Cleveland.--Nonfarm establishments in Cleveland employed 831,500 in August, a decrease of 2,500 from July. Reductions in non-faculty personnel in local government education and declines in trade accounted for most of the change. Manufacturing employment, at 209,000, dropped 400 from July, with scattered losses. Factory production workers earned $10.80 per hour, up 12¢ from July. Their average workweek increased .5 hours, to 41.6 hours in August.

Columbus.--August nonagricultural wage and salary employment in Columbus increased 700 from July, to 513,000. Scattered gains among producers of durable goods contributed to the change, as a large increase in retail trade was cancelled out by reductions in local government. Manufacturing rose 600, to 88,900 in August. Production workers in manufacturing averaged $10.26 per hour for a workweek of 41.0 hours--up 5¢ and .4 hours from July.

Dayton.--Nonfarm payroll employment in Dayton totaled 343,000 in August, up 200 from July. Declines in local government were offset by gains in retail trade. Manufacturing employment, at 91,400, was little changed from July. Factory production workers earned $11.22 per hour for a workweek of 42.7 hours, both slightly below July levels.

Toledo.--Toledo's nonfarm wage and salary employment in August was 287,600, an increase of 200 from July. Declines in state government lowered nonmanufacturing, while seasonal increases in food and kindred products led manufacturing up 700, to 75,700. Factory production workers earned $11.65 per hour in August, up 6¢ from July. Their average workweek was 43.3 hours, up .3 hours.

Youngstown-Warren.--Nonagricultural establishments in Youngstown-Warren employed 181,100 in August, down 600 from July. Most of the decrease occurred in durable goods due to layoffs in blast furnace and basic steel products. Manufacturing employment, at 55,100, was down 500. The average hourly earnings of manufacturing production workers dropped 37¢ from July, to $12.72. The average workweek, at 42.6 hours in August, was down 1.6 hours.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 9-24-84

EMPLOYMENT IN MAJOR METROPOLITAN AREAS[a]

Year and Month	Akron[b]	Canton[c]	Cincinnati[d]	Cleveland[e]	Columbus[f]	Dayton[g]	Toledo[h]	Youngstown-Warren[j]
				NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT (in thousands)				
1973	255.1	147.9	534.5	865.2	451.0	335.6	285.8	211.6
1974	259.0	152.1	542.2	879.2	457.6	334.9	285.6	213.5
1975	248.4	145.0	531.2	850.6	445.4	321.4	275.5	200.7
1976	247.3	145.9	541.9	860.0	456.1	331.5	282.6	203.5
1977	259.3	149.8	562.1	880.9	471.6	343.1	292.1	208.0
1978	266.6	156.1	591.2	905.8	493.8	358.5	302.1	210.3
1979	270.9	160.7	607.4	919.8	507.3	364.9	306.0	213.9
1980	262.4	157.1	600.6	895.6	509.8	355.7	293.1	203.1
1981	259.6	156.6	592.2	880.7	506.6	352.5	290.9	198.7
1982	248.8	148.6	575.3	844.6	495.1	336.3	281.9	180.6
1983	245.0	143.6	573.7	826.0	500.0	335.4	281.0	177.6
1983								
August ..	244.3	143.9	571.8	825.5	496.3	331.4	277.5	177.3
September	251.3	144.1	580.8	834.9	504.9	340.7	287.3	182.3
October .	250.3	145.9	584.0	835.5	512.6	342.1	289.6	181.3
November.	251.4	146.7	585.5	835.7	514.7	343.9	291.1	182.0
December.	250.9	146.7	583.8	837.9	515.7	344.3	291.1	182.0
1984								
January .	243.2	143.3	573.1	819.0	503.8	339.3	284.3	178.4
February.	245.4	143.8	572.2	817.5	505.9	339.8	286.4	178.4
March ...	246.4	145.0	576.7	821.2	509.1	341.2	288.2	179.0
April ...	249.7	146.8	584.2	825.8	514.0	343.8	291.5	181.0
May	253.2	147.8	590.0	831.1	516.7	344.5	294.3	183.1
June	249.9	148.6	595.5	838.6	523.5	346.4	291.3	182.7
July	250.6	147.9	588.4	834.0	512.2	342.9	287.4	181.7
August ..	250.3	148.3	588.5	831.5	513.0	343.0	287.6	181.1
				MANUFACTURING EMPLOYMENT (in thousands)				
1973	94.0	61.7	165.5	288.1	106.0	117.7	93.4	93.0
1974	94.2	62.2	166.6	287.1	104.3	113.1	89.8	92.0
1975	84.5	55.3	153.9	260.3	93.1	100.1	80.7	80.8
1976	80.3	54.8	155.6	265.1	94.2	104.0	84.8	80.6
1977	85.6	56.0	161.1	270.8	98.9	109.2	88.2	81.1
1978	85.9	57.1	169.2	275.6	101.2	112.0	90.5	79.4
1979	85.6	59.1	173.1	276.3	101.1	109.5	88.6	79.9
1980	79.1	55.7	162.4	254.9	96.8	99.4	75.4	70.8
1981	75.7	54.8	157.3	246.8	93.1	97.8	74.6	67.3
1982	68.3	47.6	146.3	223.0	85.9	87.6	69.0	52.9
1983	65.1	43.6	140.7	207.6	84.0	86.2	69.1	53.0
1983								
August ..	65.6	44.1	141.8	206.5	84.3	86.1	70.0	53.1
September	66.0	44.6	141.4	209.9	85.3	88.6	72.7	55.2
October .	66.1	44.2	144.2	210.9	86.6	88.7	73.2	54.9
November.	66.4	44.8	144.8	211.6	86.8	89.8	73.9	55.2
December.	66.2	44.9	141.7	212.1	86.2	90.2	74.0	55.6
1984								
January .	66.1	44.7	143.2	211.6	86.2	90.4	74.6	55.8
February.	66.5	44.9	143.3	211.2	87.0	90.9	75.5	55.6
March ...	66.7	45.5	144.1	211.6	87.0	91.1	75.7	55.4
April ...	67.0	45.4	144.6	210.6	87.4	91.4	75.8	55.8
May	67.5	45.3	145.0	210.9	87.2	91.2	75.7	55.8
June	67.9	45.3	145.9	211.6	88.4	91.4	75.5	55.6
July	67.8	45.4	145.6	209.4	88.3	91.3	75.0	55.6
August ..	67.6	45.8	146.1	209.0	88.9	91.4	75.7	55.1

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. [b] Akron includes Portage and Summit Counties. [c] Canton includes Carroll and Stark Counties. [d] Cincinnati includes Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. [e] Cleveland includes Cuyahoga, Geauga, Lake, and Medina Counties. [f] Columbus includes Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. [g] Dayton includes Greene, Miami, Montgomery, and Preble Counties. [h] Toledo includes Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. [j] Youngstown-Warren includes Mahoning and Trumbull Counties.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

MANUFACTURING PRODUCTION WORKERS AND AVERAGE WEEKLY HOURS IN MAJOR METROPOLITAN AREAS[a]

Year and Month	Akron[b]	Canton[c]	Cincinnati[d]	Cleveland[e]	Columbus[f]	Dayton[g]	Toledo[h]	Youngstown-Warren[j]
	MANUFACTURING PRODUCTION WORKERS (in thousands)							
1973	55.5	46.3	115.2	200.4	74.1	85.0	66.5	75.6
1974	56.1	46.9	115.3	199.5	71.2	79.5	63.1	74.2
1975	48.4	40.5	106.3	176.0	64.2	70.9	55.1	63.3
1976	44.5	40.4	107.8	180.9	65.4	73.4	59.3	63.3
1977	49.2	41.1	110.7	184.0	68.6	75.7	62.8	63.6
1978	49.4	42.2	116.4	188.0	70.1	77.5	64.1	62.5
1979	53.8	43.2	117.0	188.6	69.1	74.4	61.7	62.5
1980	47.5	40.1	106.6	169.2	64.6	65.5	49.6	54.1
1981	43.7	39.6	103.5	161.8	61.3	64.4	49.2	50.8
1982	36.9	33.3	95.5	141.8	55.1	55.6	45.2	38.1
1983	35.6	30.8	92.2	132.1	54.2	54.9	47.2	39.3
1983								
August ..	36.1	31.2	93.4	131.2	54.5	54.4	48.3	39.4
September	36.4	31.6	93.1	134.8	55.5	57.0	50.9	41.7
October .	36.5	31.4	95.9	135.8	56.7	57.4	51.6	41.5
November.	37.0	31.9	96.8	136.7	56.8	58.3	52.5	41.8
December.	36.8	32.1	93.8	137.0	56.6	58.7	52.7	42.2
1984								
January .	36.8	31.7	95.4	136.5	56.8	58.8	53.3	42.3
February.	37.1	31.8	95.5	136.3	57.4	59.3	54.2	42.2
March ...	37.1	32.4	96.3	136.7	57.3	59.3	54.4	42.1
April ...	37.4	32.4	96.5	135.6	57.7	59.7	54.6	42.4
May	37.7	32.3	96.5	135.7	57.5	59.4	54.5	42.4
June	37.8	32.3	97.3	136.3	58.6	59.5	54.3	42.2
July	37.6	32.3	96.6	134.2	58.3	59.0	53.7	42.2
August ..	37.3	32.8	97.5	133.9	58.8	59.1	54.1	41.9
	MANUFACTURING PRODUCTION WORKERS' AVERAGE WEEKLY HOURS							
1973	43.0	41.0	42.2	43.2	40.8	43.3	43.1	42.9
1974	42.3	40.1	41.4	42.1	39.7	41.0	41.2	40.7
1975	41.1	39.4	40.8	40.4	39.6	41.3	40.4	38.6
1976	42.1	39.6	41.1	41.9	40.1	43.2	41.5	39.5
1977	42.3	39.7	41.6	42.8	40.3	43.5	42.7	40.4
1978	42.3	40.3	42.1	42.9	40.4	42.8	42.4	41.4
1979	41.6	40.9	41.5	42.2	40.1	42.1	40.9	40.7
1980	41.5	39.0	41.2	40.6	39.5	41.5	40.6	39.9
1981	41.8	40.0	41.1	41.1	40.0	41.4	40.9	40.8
1982	41.0	38.6	40.5	39.9	39.8	40.0	41.1	39.3
1983	43.1	39.6	41.1	40.9	40.7	41.9	42.9	42.1
1983								
August ..	42.9	39.2	40.8	41.0	40.5	42.1	42.6	41.3
September	43.5[k]	40.8	41.3	41.7	40.8	43.0	43.9	42.4
October .	43.2	40.2	41.3	41.5	41.0	42.7	43.9	43.9
November.	44.0	40.7	42.0	41.8	41.6	42.8	44.5	43.6
December.	45.5	40.8	42.4	42.3	42.3	43.9	44.5	43.2
1984								
January .	43.9	40.4	41.7	41.9	41.2	43.2	43.1	44.7
February.	43.9	41.0	41.5	42.2	40.4	42.8	43.5	43.8
March ...	43.7	40.8	41.8	42.3	40.4	42.8	43.8	44.9
April ...	43.8	40.5	42.1	42.3	40.5	43.0	43.7	43.5
May	43.4	40.6	41.6	42.0	40.5	42.3	43.7	43.3
June	43.8	40.3	41.6	42.0	40.7	42.3	43.3	42.9
July	43.3	40.6	41.1	41.1	40.6	42.9	43.0	44.2
August ..	43.1	40.9	41.5	41.6	41.0	42.7	43.3	42.6

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. [b] Akron includes Portage and Summit Counties. [c] Canton includes Carroll and Stark Counties. [d] Cincinnati includes Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. [e] Cleveland includes Cuyahoga, Geauga, Lake, and Medina Counties. [f] Columbus includes Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. [g] Dayton includes Greene, Miami, Montgomery, and Preble Counties. [h] Toledo includes Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. [j] Youngstown-Warren includes Mahoning and Trumbull Counties. [k] Not comparable to prior data due to change in sample composition.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

EARNINGS IN MAJOR METROPOLITAN AREAS[a]

Year and Month	Akron[b]	Canton[c]	Cincinnati[d]	Cleveland[e]	Columbus[f]	Dayton[g]	Toledo[h]	Youngstown-Warren[j]
	MANUFACTURING PRODUCTION WORKERS' AVERAGE HOURLY EARNINGS							
1973	$ 4.99	$ 4.80	$ 4.44	$ 4.83	$ 4.36	$ 5.00	$ 5.01	$ 5.29
1974	5.28	5.24	4.82	5.21	4.73	5.29	5.39	5.80
1975	5.66	5.64	5.19	5.63	5.18	5.73	5.80	6.39
1976	6.02	6.18	5.65	6.22	5.64	6.28	6.32	7.02
1977	6.75	6.88	6.27	6.84	6.08	6.92	7.00	7.76
1978	7.19	7.56	6.81	7.50	6.55	7.38	7.53	8.54
1979	7.73	8.09	7.31	8.00	7.05	8.00	8.14	9.27
1980	8.72	8.79	8.06	8.63	7.73	8.65	8.90	10.27
1981	9.50	9.76	8.78	9.62	8.67	9.61	9.93	11.62
1982	9.83	10.22	9.57	10.10	9.31	10.02	10.89	11.72
1983	10.49	10.66	10.11	10.45	9.97	10.61	11.28	12.38
1983								
August ..	10.40	10.75	10.18	10.42	9.95	10.58	11.25	12.25
September	10.61	10.84	10.10	10.57	10.06	10.80	11.40	12.40
October .	10.82	10.78	10.23	10.55	10.11	10.86	11.43	12.58
November.	10.85	10.84	10.34	10.62	10.14	10.91	11.57	12.54
December.	11.01	10.88	10.29	10.68	10.35	11.11	11.57	12.68
1984								
January .	10.77	10.85	10.39	10.70	10.33	11.07	11.42	12.89
February.	10.75	10.91	10.37	10.76	10.23	11.04	11.48	12.66
March ...	10.79	10.89	10.45	10.81	10.20	11.12	11.58	13.09
April ...	10.76	10.90	10.58	10.82	10.22	11.12	11.58	12.88
May	10.82	11.04	10.50	10.83	10.30	11.03	11.57	12.86
June	10.87	10.99	10.51	10.82	10.26	11.09	11.66	12.85
July	10.73	10.88	10.48	10.68	10.21	11.23	11.59	13.09
August ..	10.81	10.94	10.58	10.80	10.26	11.22	11.65	12.72
	MANUFACTURING PRODUCTION WORKERS' AVERAGE WEEKLY EARNINGS							
1973	$214.57	$196.80	$187.37	$208.66	$177.89	$216.50	$215.93	$226.94
1974	223.34	210.12	195.55	219.34	187.78	216.89	222.07	236.06
1975	232.63	222.22	211.75	227.45	205.13	236.65	234.32	246.65
1976	253.44	244.73	232.22	260.62	226.16	271.30	262.28	277.29
1977	285.53	273.14	260.83	292.75	245.02	301.02	298.90	313.50
1978	304.14	304.67	286.70	321.75	264.62	315.86	319.27	353.56
1979	321.57	330.88	303.37	337.60	282.71	336.80	332.93	377.29
1980	361.88	342.81	332.07	350.38	305.34	358.98	361.34	409.77
1981	397.10	390.40	360.86	395.38	346.80	397.85	406.14	474.10
1982	403.03	394.49	387.59	402.99	370.54	400.80	447.58	460.60
1983	452.12	422.14	415.52	427.41	405.78	444.56	483.91	521.20
1983								
August ..	446.16	421.40	415.34	427.22	402.98	445.42	479.25	505.93
September	461.54	442.27	417.13	440.77	410.45	464.40	500.46	525.76
October .	467.42	433.36	422.50	437.83	414.51	463.72	501.78	552.26
November.	477.40	441.19	434.28	443.92	421.82	466.95	514.87	546.74
December.	500.96	443.90	436.30	451.76	437.81	487.73	514.87	547.78
1984								
January .	472.80	438.34	433.26	448.33	425.60	478.22	492.20	576.18
February.	471.93	447.31	430.36	454.07	413.29	472.51	499.38	554.51
March ...	471.52	444.31	436.81	457.26	412.08	475.94	507.20	587.74
April ...	471.29	441.45	445.42	457.69	413.91	478.16	506.05	560.28
May	469.59	448.22	436.80	454.86	417.15	466.57	505.61	556.84
June	476.11	442.90	437.22	454.44	417.58	469.11	504.88	551.27
July	464.61	441.73	430.73	438.95	414.53	481.77	498.37	578.58
August ..	465.91	447.45	439.07	449.28	420.66	479.09	504.45	541.87

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. [b] Akron includes Portage and Summit Counties. [c] Canton includes Carroll and Stark Counties. [d] Cincinnati includes Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. [e] Cleveland includes Cuyahoga, Geauga, Lake, and Medina Counties. [f] Columbus includes Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. [g] Dayton includes Greene, Miami, Montgomery, and Preble Counties. [h] Toledo includes Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. [j] Youngstown-Warren includes Mahoning and Trumbull Counties.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

CIVILIAN LABOR FORCE ESTIMATES FOR MAJOR METROPOLITAN AREAS[a]
(In thousands)

Year and Month	Civilian Labor Force	Total Employed	Unemployed		Year and Month	Civilian Labor Force	Total Employed	Unemployed	
			Total Unemployed	Unemployment Rate				Total Unemployed	Unemployment Rate
AKRON[b]					CANTON[c]				
1973	287.1	274.9	12.2	4.3	1973	171.2	163.1	8.1	4.7
1974	290.8	277.7	13.0	4.5	1974	175.6	167.5	8.1	4.6
1975	292.0	264.3	27.7	9.5	1975	174.7	158.0	16.7	9.6
1976	291.3	266.3	25.0	8.6	1976	174.4	158.6	15.8	9.1
1977	294.2	274.7	19.5	6.6	1977	175.9	163.1	12.9	7.3
1978	298.9	282.2	16.7	5.6	1978	179.9	170.0	9.9	5.5
1979	303.8	285.4	18.4	6.1	1979	184.3	173.7	10.6	5.7
1980	304.5	278.3	26.2	8.6	1980	187.7	170.9	16.8	8.9
1981	304.1	274.9	29.1	9.6	1981	188.4	170.1	18.2	9.7
1982	303.9	268.0	35.9	11.8	1982	191.4	164.3	27.0	14.1
1983	304.4	267.0	37.4	12.3	1983	188.4	160.7	27.6	14.7
1983					1983				
July	313.6	279.8	33.8	10.8	July	193.1	168.9	24.2	12.5
August	309.1	276.9	32.2	10.4	August	191.0	167.0	24.0	12.6
September	305.1	271.4	33.7	11.1	September	186.6	162.2	24.3	13.0
October	308.4	274.5	33.8	11.0	October	189.2	164.6	24.6	13.0
November	309.7	274.2	35.5	11.5	November	189.5	164.4	25.1	13.2
December	304.9	270.4	34.6	11.3	December	186.0	162.4	23.6	12.7
1984					1984				
January	297.5	264.3	33.2	11.2	January	182.3	159.8	22.5	12.3
February	298.6	263.8	34.8	11.6	February	180.7	158.9	21.9	12.1
March	297.9	262.4	35.5	11.9	March	181.7	158.7	23.0	12.6
April	300.3	268.4	31.9	10.6	April	182.6	162.1	20.5	11.2
May	305.5	274.5	31.1	10.2	May	185.6	164.8	20.9	11.2
June	306.9	277.9	29.0	9.5	June	188.1	169.2	18.9	10.1
July[p]	315.8	288.9	26.9	8.5	July[p]	191.4	174.2	17.2	9.0
CINCINNATI[d]					CLEVELAND[e]				
1973	572.0	543.0	29.0	5.1	1973	883.9	849.0	34.9	3.9
1974	595.3	569.8	25.5	4.3	1974	899.1	861.4	37.7	4.2
1975	595.3	551.6	43.6	7.3	1975	896.9	826.3	70.6	7.9
1976	604.8	566.6	38.2	6.3	1976	897.7	834.4	63.3	7.0
1977	623.4	588.7	34.7	5.6	1977	908.5	854.4	54.0	5.9
1978	648.3	615.8	32.5	5.0	1978	921.7	878.5	43.2	4.7
1979	663.4	628.1	35.3	5.3	1979	935.8	889.1	46.7	5.0
1980	676.2	628.6	47.5	7.0	1980	937.1	869.1	68.0	7.3
1981	678.5	619.3	59.1	8.7	1981	933.9	854.0	79.8	8.5
1982	682.0	610.4	71.6	10.5	1982	933.4	833.2	100.2	10.7
1983	686.5	615.4	71.1	10.4	1983	930.7	824.7	105.9	11.4
1983					1983				
July	703.4	637.1	66.2	9.4	July	966.5	867.1	99.3	10.3
August	696.4	632.9	63.6	9.1	August	955.0	857.0	98.0	10.3
September	685.5	619.2	66.4	9.7	September	925.8	826.4	99.4	10.7
October	691.5	630.0	61.5	8.9	October	936.6	840.1	96.6	10.3
November	693.2	629.0	64.2	9.3	November	935.3	836.6	98.7	10.6
December	684.3	622.5	61.9	9.0	December	917.5	828.3	89.3	9.7
1984					1984				
January	679.0	616.0	62.9	9.3	January	899.5	815.9	83.7	9.3
February	670.2	611.3	58.9	8.8	February	887.4	806.6	80.8	9.1
March	672.1	612.2	59.9	8.9	March	890.2	802.3	87.9	9.9
April	683.0	624.9	58.1	8.5	April	896.6	813.7	83.0	9.3
May	695.0	635.0	60.0	8.6	May	913.9	825.6	88.3	9.7
June	709.9	651.7	58.2	8.2	June	932.7	850.5	82.2	8.8
July[p]	718.7	662.3	56.4	7.8	July[p]	954.0	875.6	78.5	8.2

[a] Estimated in cooperation with U.S. Department of Labor. Data not seasonally adjusted. Subtotals may not add to totals due to rounding. Rates computed from unrounded figures. [b] Defined as Portage and Summit Counties. [c] Defined as Carroll and Stark Counties. [d] Defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; and Boone, Campbell, and Kenton Counties, Kentucky. [e] Defined as Cuyahoga, Geauga, Lake, and Medina Counties. [p] Preliminary.

CIVILIAN LABOR FORCE ESTIMATES FOR MAJOR METROPOLITAN AREAS[a]

(In thousands)

Year and Month	Civilian Labor Force	Total Employed	Unemployed		Year and Month	Civilian Labor Force	Total Employed	Unemployed	
			Total Unemployed	Unemployment Rate				Total Unemployed	Unemployment Rate
COLUMBUS[f]					DAYTON[g]				
1973	485.5	468.3	17.1	3.5	1973	358.0	343.5	14.5	4.1
1974	495.4	475.5	19.9	4.0	1974	359.5	342.5	17.0	4.7
1975	495.0	458.6	36.5	7.4	1975	357.6	327.7	29.9	8.4
1976	503.6	468.5	35.1	7.0	1976	360.5	336.3	24.2	6.7
1977	513.4	483.3	30.1	5.9	1977	368.6	348.3	20.3	5.5
1978	531.4	506.5	24.9	4.7	1978	381.1	363.7	17.3	4.6
1979	543.0	517.1	25.8	4.8	1979	392.2	367.9	24.2	6.2
1980	554.7	523.4	31.4	5.7	1980	390.2	361.0	29.2	7.5
1981	562.4	519.1	43.3	7.7	1981	390.8	357.9	32.8	8.4
1982	567.4	516.4	51.0	9.0	1982	391.8	347.1	44.7	11.4
1983	579.1	527.4	51.7	8.9	1983	390.6	350.7	39.9	10.2
1983					1983				
July	599.8	549.2	50.7	8.4	July	400.0	362.6	37.4	9.4
August	591.8	544.6	47.2	8.0	August	396.5	359.4	37.1	9.3
September	577.9	528.9	49.0	8.5	September	389.5	353.7	35.7	9.2
October	594.3	545.1	49.2	8.3	October	395.4	360.8	34.7	8.8
November	594.7	544.2	50.2	8.5	November	396.8	360.3	36.5	9.2
December	585.3	537.9	47.4	8.1	December	388.0	355.5	32.5	8.4
1984					1984				
January	575.1	529.6	45.4	7.9	January	385.5	353.0	32.5	8.4
February	570.0	526.7	43.2	7.6	February	383.7	350.3	33.4	8.7
March	571.3	525.2	46.0	8.1	March	383.4	348.5	34.9	9.1
April	580.3	535.2	45.1	7.8	April	387.1	354.5	32.6	8.4
May	590.4	543.9	46.5	7.9	May	391.4	358.8	32.6	8.3
June	605.6	561.9	43.7	7.2	June	398.7	368.1	30.6	7.7
July[p]	614.1	572.1	41.9	6.8	July[p]	406.4	377.7	28.7	7.1
TOLEDO[h]					YOUNGSTOWN-WARREN[i]				
1973	339.8	324.2	15.6	4.6	1973	232.5	221.8	10.8	4.6
1974	343.8	324.2	19.7	5.7	1974	236.7	223.7	13.0	5.5
1975	344.8	310.2	34.6	10.0	1975	236.7	209.8	26.9	11.4
1976	347.8	319.4	28.4	8.2	1976	234.2	210.5	23.7	10.1
1977	355.0	329.4	25.6	7.2	1977	234.0	215.0	19.0	8.1
1978	362.1	339.7	22.4	6.2	1978	235.2	217.5	17.7	7.5
1979	368.2	341.7	26.4	7.2	1979	237.1	219.9	17.1	7.2
1980	368.2	329.8	38.4	10.4	1980	238.9	210.5	28.4	11.9
1981	367.4	328.0	39.4	10.7	1981	234.0	205.7	28.2	12.1
1982	368.7	322.7	46.1	12.5	1982	237.0	190.3	46.6	19.7
1983	374.2	326.9	47.2	12.6	1983	227.3	189.6	37.8	16.6
1983					1983				
July	382.1	337.7	44.4	11.6	July	233.4	199.5	33.9	14.5
August	379.2	335.1	44.1	11.6	August	232.6	196.2	36.4	15.6
September	374.8	331.9	42.9	11.5	September	226.7	193.1	33.6	14.8
October	380.0	338.3	41.7	11.0	October	227.0	195.5	31.5	13.9
November	381.3	337.5	43.8	11.5	November	227.9	195.2	32.7	14.4
December	372.5	331.9	40.5	10.9	December	222.4	192.2	30.2	13.6
1984					1984				
January	366.1	327.4	38.6	10.6	January	218.3	189.7	28.6	13.1
February	365.7	327.7	38.0	10.4	February	214.6	188.2	26.4	12.3
March	367.3	327.8	39.5	10.8	March	215.3	186.8	28.5	13.2
April	371.8	335.7	36.1	9.7	April	216.3	190.5	25.8	11.9
May	378.2	342.1	36.1	9.5	May	220.3	194.4	25.9	11.8
June	384.7	345.8	38.9	10.1	June	222.0	198.2	23.8	10.7
July	INA	INA	INA	INA	July[p]	226.6	204.1	22.6	10.0

[a] Estimated in cooperation with U.S. Department of Labor. Data not seasonally adjusted. Subtotals may not add to totals due to rounding. Rates computed from unrounded figures. [f] Defined as Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. [g] Defined as Greene, Miami, Montgomery, and Preble Counties. [h] Defined as Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. [i] Defined as Mahoning and Trumbull Counties. [p] Preliminary. INA—Information not available.

CIVILIAN LABOR FORCE ESTIMATES[a]
(not seasonally adjusted)

Year and Month	OHIO (in thousands) Civilian Labor Force	Total Employed	Total Unemployed	Unemployment Rate OHIO	U.S.
1973	4,621	4,423	198	4.3	4.9
1974	4,708	4,483	225	4.8	5.6
1975	4,721	4,292	429	9.1	8.5
1976	4,749	4,378	370	7.8	7.7
1977	4,830	4,518	312	6.5	7.1
1978	4,956	4,688	268	5.4	6.1
1979	5,056	4,758	298	5.9	5.8
1980	5,088	4,661	427	8.4	7.1
1981	5,098	4,606	492	9.6	7.6
1982	5,114	4,474	640	12.5	9.7
1983	5,110	4,488	622	12.2	9.6
1983					
August ..	5,229	4,666	563	10.8	9.2
September	5,108	4,541	567	11.1	8.8
October .	5,159	4,611	548	10.6	8.4
November.	5,146	4,582	564	11.0	8.1
December.	5,040	4,513	528	10.5	8.0
1984					
January .	4,964	4,452	512	10.3	8.8
February.	4,925	4,426	499	10.1	8.4
March ...	4,940	4,415	525	10.6	8.1
April ...	4,996	4,506	489	9.8	7.6
May	5,086	4,593	493	9.7	7.2
June	5,183	4,715	469	9.0	7.4
July	5,292	4,845	447	8.4	7.5
August ..	5,215	4,733	482	9.2	7.3

OHIO NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT[a]
(in thousands)

Year and Month	Total Nonagricultural	Manufacturing	Nonmanufacturing
1973	4,112.9	1,426.3	2,686.5
1974	4,169.4	1,416.6	2,752.8
1975	4,016.2	1,267.5	2,748.7
1976	4,094.5	1,295.3	2,799.3
1977	4,230.1	1,344.1	2,885.9
1978	4,394.8	1,377.2	3,017.6
1979	4,484.7	1,382.3	3,102.5
1980	4,367.4	1,264.3	3,103.0
1981	4,317.6	1,232.6	3,085.1
1982	4,124.2	1,099.9	3,024.4
1983	4,083.8	1,066.9	3,017.0
1983			
August ..	4,074.0	1,074.7	2,999.3
September	4,157.0	1,094.3	3,062.7
October .	4,170.0	1,099.1	3,070.9
November.	4,177.5	1,104.4	3,073.1
December.	4,176.1	1,101.9	3,074.2
1984			
January .	4,083.3	1,101.0	2,982.3
February.	4,095.2	1,108.2	2,987.0
March ...	4,120.3	1,113.2	3,007.1
April ...	4,162.8	1,114.7	3,048.1
May	4,200.0	1,117.7	3,082.3
June	4,220.4	1,121.5	3,098.9
July	4,174.9	1,117.1	3,057.9
August ..	4,173.9	1,120.4	3,053.5

OHIO NONMANUFACTURING WAGE AND SALARY EMPLOYMENT[a] (in thousands)

Year and Month	Mining	Construction	Transportation and Utilities	Wholesale Trade	Retail Trade	Finance, Insurance, Real Estate	Services	Government
1973	22.9	175.5	224.9	197.7	654.9	169.0	643.9	597.8
1974	24.2	172.3	227.8	205.7	668.1	171.9	669.7	613.1
1975	26.8	154.9	213.2	203.5	664.5	173.1	686.3	626.4
1976	28.2	154.2	213.7	208.4	682.4	177.0	703.2	632.2
1977	29.1	162.8	219.1	214.6	703.1	183.4	731.4	642.3
1978	29.0	176.6	225.0	226.0	730.4	191.1	772.1	667.5
1979	31.6	182.9	232.1	232.8	742.4	200.6	806.2	674.0
1980	30.7	167.4	223.1	230.6	726.6	203.8	830.9	689.9
1981	30.7	153.7	217.2	232.5	717.7	205.8	851.5	676.0
1982	30.3	134.6	206.8	226.0	703.4	206.4	857.3	659.6
1983	26.6	128.6	197.3	219.6	703.3	209.6	874.6	657.5
1983								
August ..	27.4	142.2	184.6	221.3	712.4	212.3	883.0	616.2
September	27.5	144.6	201.0	221.2	714.8	211.8	891.3	650.4
October .	27.5	145.0	200.7	221.5	709.6	211.5	888.8	666.3
November.	27.4	140.9	199.6	221.1	717.8	211.5	884.2	670.6
December.	27.1	130.9	200.2	221.3	730.4	212.1	880.7	671.5
1984								
January .	27.0	115.0	193.1	218.3	693.6	210.8	868.3	656.3
February.	26.7	111.8	193.1	217.9	682.4	210.3	875.0	669.9
March ...	27.2	114.5	193.8	218.9	688.6	210.7	882.2	671.2
April ...	27.4	123.6	196.0	220.2	704.1	211.8	894.4	670.5
May	27.9	131.5	198.4	221.6	715.4	212.6	902.3	672.7
June	28.2	138.8	200.1	223.2	721.9	214.8	912.1	659.8
July	28.3	144.0	200.1	223.6	718.6	215.6	906.4	621.2
August ..	28.1	145.1	200.4	223.6	720.4	215.8	905.5	614.7

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[a] Estimated in cooperation with U.S. Department of Labor. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates and averages computed from unrounded figures. All data exclude military personnel.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

EMPLOYMENT, HOURS, AND EARNINGS IN MANUFACTURING IN OHIO[a]

Year and Month	Manufacturing Employment (in thousands)			Production Workers in Manufacturing		
	All Manufacturing	Durable Goods	Nondurable Goods	Production Workers (in thousands)	Aggregate Weekly Payroll (in millions)	Aggregate Weekly Hours (in millions)
1973	1,426.3	1,018.2	408.1	1,046.7	$210.8	44.3
1974	1,416.6	1,013.1	403.5	1,028.7	217.4	42.4
1975	1,267.5	892.4	375.1	897.8	201.5	36.2
1976	1,295.3	910.6	384.6	926.1	233.9	38.2
1977	1,344.1	945.2	398.9	958.0	271.2	40.2
1978	1,377.2	974.5	402.7	985.5	302.5	41.5
1979	1,382.3	980.5	401.8	979.0	318.5	40.6
1980	1,264.3	882.6	381.8	867.8	301.9	35.2
1981	1,232.6	860.4	372.2	847.7	330.4	34.7
1982	1,099.9	752.4	347.5	735.7	297.1	29.5
1983	1,066.9	723.6	343.3	721.7	315.7	29.9
1983						
August ..	1,074.7	728.4	346.3	729.3	316.1	30.0
September	1,094.3	740.8	353.5	749.0	335.5	31.5
October .	1,099.1	748.1	351.0	755.4	340.1	31.7
November.	1,104.4	752.9	351.4	761.9	348.7	32.4
December.	1,101.9	749.8	352.0	760.2	352.4	32.5
1984						
January .	1,101.0	750.4	350.5	758.6	349.5	32.2
February.	1,108.2	756.9	351.3	765.6	351.5	32.5
March ...	1,113.2	760.9	352.4	769.9	357.3	32.7
April ...	1,114.7	762.0	352.7	771.7	359.1	32.8
May	1,117.7	764.2	353.5	773.5	355.6	32.6
June ...	1,121.5	766.1	355.4	776.0	356.7	32.7
July	1,117.1	763.4	353.7	770.5	350.2	32.1
August ..	1,120.4	764.2	356.2	774.0	353.3	32.4

Year and Month	Production Workers Average Weekly Earnings			Production Workers Average Weekly Hours			Production Workers Average Hourly Earnings		
	Manufacturing	Durable Goods	Nondurable Goods	Manufacturing	Durable Goods	Nondurable Goods	Manufacturing	Durable Goods	Nondurable Goods
1973	$201.35	$207.95	$185.89	42.3	42.7	41.4	$4.76	$4.87	$4.49
1974	211.36	216.94	196.17	41.2	41.4	40.7	5.13	5.24	4.82
1975	224.47	228.90	211.85	40.3	40.3	40.2	5.57	5.68	5.27
1976	252.54	258.75	235.00	41.2	41.4	41.3	6.10	6.25	5.69
1977	283.08	292.02	258.34	42.0	42.2	41.4	6.74	6.92	6.24
1978	306.91	316.83	279.30	42.1	42.3	41.5	7.29	7.49	6.73
1979	325.36	335.30	297.98	41.5	41.6	41.1	7.84	8.06	7.25
1980	347.94	358.57	319.99	40.6	40.7	40.2	8.57	8.81	7.96
1981	389.78	401.64	358.16	40.9	40.9	40.7	9.53	9.82	8.80
1982	403.81	414.80	378.95	40.1	40.0	40.4	10.07	10.37	9.38
1983	437.18	452.35	402.52	41.4	41.5	41.2	10.56	10.90	9.77
1983									
August ..	433.42	445.52	403.50	41.2	41.1	41.3	10.52	10.84	9.77
September	447.94	463.52	410.62	42.1	42.1	41.9	10.64	11.01	9.80
October .	450.24	468.68	408.78	42.0	42.3	41.5	10.72	11.08	9.85
November.	457.73	475.68	413.97	42.5	42.7	41.9	10.77	11.14	9.88
December.	463.52	483.15	419.05	42.8	43.1	42.2	10.83	11.21	9.93
1984									
January .	460.70	479.52	418.05	42.5	42.7	42.1	10.84	11.23	9.93
February.	459.19	478.67	414.24	42.4	42.7	41.8	10.83	11.21	9.91
March ...	464.10	484.50	417.32	42.5	42.8	41.9	10.92	11.32	9.96
April ...	465.38	483.79	420.26	42.5	42.7	41.9	10.95	11.33	10.03
May	459.73	477.99	413.17	42.1	42.3	41.4	10.92	11.30	9.98
June	459.73	478.41	414.59	42.1	42.3	41.5	10.92	11.31	9.99
July	454.53	472.63	412.00	41.7	41.9	41.2	10.90	11.28	10.00
August ..	456.46	477.28	411.00	41.8	42.2	41.1	10.92	11.31	10.00

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

EMPLOYMENT AND AVERAGE WEEKLY EARNINGS IN SELECTED MAJOR MANUFACTURING INDUSTRIES IN OHIO[a]

Year and Month	Stone, Clay and Glass Products	Primary Metal Industries	Fabricated Metal Products	Machinery, Except Electrical	Electric & Electronic Equipment	Trans-portation Equipment	Food and Kindred Products	Printing and Publishing	Rubber and Plastics Products
	EMPLOYMENT (in thousands)								
1973	73.3	173.3	175.2	219.9	134.1	167.2	76.4	67.7	109.8
1974	72.2	172.4	172.7	227.7	131.4	162.5	76.0	67.9	107.0
1975	65.0	151.5	150.9	207.7	112.3	140.8	73.5	64.8	94.8
1976	66.3	154.6	157.9	205.9	115.5	143.0	73.8	64.5	98.2
1977	67.1	157.7	166.5	210.7	120.9	151.8	74.4	65.4	107.4
1978	69.3	157.5	173.3	216.7	122.2	164.1	74.6	66.6	107.4
1979	69.7	158.9	175.5	223.6	117.6	165.8	74.4	67.6	106.7
1980	64.5	139.8	157.6	211.4	106.4	139.1	72.7	67.4	92.7
1981	61.0	138.3	154.9	204.2	101.9	136.9	69.2	66.1	89.0
1982	54.2	112.7	134.9	176.7	93.4	121.7	66.9	63.2	80.4
1983	52.7	104.5	130.9	153.1	90.2	131.6	64.5	62.3	82.4
1983									
August ..	54.0	105.1	132.2	152.6	89.6	132.8	66.4	61.9	83.5
September	54.8	107.4	134.6	154.8	91.5	134.8	69.5	62.6	85.6
October .	54.9	108.0	136.5	154.5	92.4	138.8	66.4	62.6	86.4
November.	55.0	109.8	137.8	155.3	92.4	139.9	65.2	62.8	87.4
December.	53.7	110.3	137.3	155.5	91.9	138.5	65.2	63.0	87.5
1984									
January .	52.9	110.6	137.7	156.6	91.8	138.4	64.5	62.8	87.9
February.	53.4	111.1	137.6	157.2	92.8	141.3	64.1	62.8	88.7
March ...	54.0	112.2	137.8	158.5	93.7	140.9	64.1	63.1	88.8
April ...	54.1	111.7	138.4	159.2	93.3	141.2	64.6	63.1	89.3
May	55.0	111.1	139.6	160.0	92.8	141.6	64.8	63.2	89.2
June	55.5	111.6	139.9	159.2	92.9	141.9	65.9	63.1	89.5
July	55.5	110.4	138.9	158.7	93.6	141.0	65.1	63.2	88.9
August ..	56.1	109.3	139.3	159.1	93.9	141.0	67.5	62.9	89.1
	AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS								
1973	$189.03	$228.72	$204.67	$208.80	$176.23	$241.01	$188.94	$203.06	$193.12
1974	194.21	246.03	213.62	219.05	184.61	244.91	204.89	211.14	199.92
1975	207.55	256.46	224.96	228.25	201.30	263.22	222.68	226.95	213.31
1976	232.40	294.58	256.68	253.31	221.54	302.87	242.92	252.20	237.30
1977	253.95	329.54	290.44	279.18	248.44	359.20	258.54	271.96	263.97
1978	274.81	366.24	307.23	306.16	268.45	389.66	281.15	285.18	282.73
1979	293.34	395.43	323.38	329.09	289.27	391.56	304.50	302.62	300.66
1980	315.43	422.01	349.34	352.77	316.31	414.83	329.85	320.92	323.61
1981	348.02	484.04	389.61	389.16	350.27	471.50	362.75	347.70	368.67
1982	376.88	480.54	398.77	392.63	366.56	506.99	386.04	358.45	381.11
1983	400.57	503.85	460.65	424.09	394.63	557.92	403.79	375.62	412.25
1983									
August ..	401.64	492.83	449.35	421.14	395.60	541.80	409.04	371.35	407.11
September	409.18	522.49	471.28	431.09	406.39	570.49	415.86	378.00	422.18
October .	412.17	514.18	479.45	436.31	408.04	581.79	396.89	384.94	425.87
November.	415.33	520.38	490.31	450.24	411.27	586.64	410.98	392.18	421.20
December.	421.16	525.79	505.52	463.54	415.17	588.60	420.30	393.97	422.61
1984									
January .	419.33	525.39	486.86	468.27	409.59	585.09	409.64	391.40	429.44
February.	417.08	540.99	485.57	468.07	420.51	565.46	411.04	391.30	423.36
March ...	417.49	538.90	482.08	467.18	416.66	602.94	416.79	386.45	425.97
April ...	420.93	540.58	486.06	468.93	420.21	593.18	424.27	388.22	424.45
May	416.90	537.63	477.70	462.87	420.24	582.56	416.75	384.29	415.16
June	423.26	540.18	473.76	462.01	412.70	591.40	425.00	380.00	418.28
July	419.98	530.01	462.45	459.43	412.70	587.80	418.47	379.33	413.14
August ..	425.11	538.88	459.68	455.52	415.34	600.76	415.80	379.55	410.06

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN OHIO[a]
AUGUST 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	August 1984[b]	July 1984[c]	August 1983[c]	July 1984	August 1983
TOTAL	4173.9	4174.9	4074.0	.0	2.5
MANUFACTURING	1120.4	1117.1	1074.7	.3	4.3
Durable Goods[e]	764.2	763.4	728.4	.1	4.9
Lumber and wood products	16.2	16.1	14.7	.7	10.3
Furniture and fixtures	13.3	13.5	13.5	- 1.6	- 1.7
Household furniture	5.6	5.7	6.2	- 2.1	- 9.6
Stone, clay, and glass products	56.1	55.5	54.0	1.1	3.9
Glass and glassware, pressed or blown	13.8	13.8	13.8	.3	.6
Structural clay products	5.0	5.0	4.9	- .1	2.7
Pottery and related products	6.1	5.6	5.7	8.4	7.0
Primary metal industries	109.3	110.4	105.1	- 1.0	3.9
Blast furnace and basic steel products	53.0	54.0	52.9	- 1.9	.1
Iron and steel foundries	21.9	22.0	20.2	- .3	8.7
Nonferrous rolling and drawing	18.5	18.7	18.3	- .8	1.6
Nonferrous foundries	9.4	9.3	8.2	.7	14.7
Fabricated metal products	139.3	138.9	132.2	.3	5.4
Cutlery, hand tools, and hardware	11.1	11.0	11.0	1.4	1.5
Plumbing and heating, except electric	5.0	4.8	4.3	4.3	16.2
Fabricated structural metal products	29.4	29.4	29.3	.0	.4
Screw machine products, bolts, etc.	8.9	8.8	8.6	1.7	4.5
Metal forgings and stampings	42.7	42.8	39.6	- .4	7.8
Machinery, except electrical	159.1	158.7	152.6	.2	4.3
Construction and related machinery	15.5	15.6	17.2	- .6	- 9.5
Metalworking machinery	39.5	39.1	38.1	1.0	3.8
Special industry machinery	17.1	17.0	16.0	.5	6.8
General industrial machinery	31.9	32.1	29.3	- .7	9.0
Electric and electronic equipment	93.9	93.6	89.6	.3	4.8
Electrical industrial apparatus	19.1	19.2	18.2	- .4	4.9
Household appliances	17.4	17.3	16.8	.9	4.0
Electric lighting and wiring equipment	18.2	18.2	17.6	.0	3.4
Communication equipment	10.2	10.2	10.2	- .2	.1
Transportation equipment	141.0	141.0	132.8	.0	6.2
Motor vehicles and equipment	93.8	93.7	87.5	.1	7.2
Aircraft and parts	39.0	39.2	37.1	- .4	5.1
Instruments and related products	21.8	21.6	20.4	.7	6.8
Measuring and controlling devices	12.7	12.7	11.9	.3	6.6
Nondurable Goods[f]	356.2	353.7	346.3	.7	2.8
Food and kindred products	67.5	65.1	66.4	3.6	1.7
Meat products	10.7	10.6	10.1	1.7	6.3
Dairy products	10.5	10.5	10.7	.3	- 1.4
Bakery products	10.3	10.3	10.0	- .6	2.6
Beverages	10.6	10.5	10.7	1.3	- .7
Textile mill products	4.6	4.6	4.5	.2	2.1
Apparel and other textile products	17.5	17.3	16.4	1.1	6.7
Paper and allied products	35.8	35.4	34.7	.9	3.0
Paper mills, except building paper	9.7	9.6	9.1	1.5	7.3
Misc. converted paper products	11.5	11.5	11.4	- .6	.8
Paperboard containers and boxes	11.6	11.6	11.4	- .3	1.5
Printing and publishing	62.9	63.2	61.9	- .4	1.7
Newspapers	18.0	18.1	18.0	- .6	.4
Commercial printing	22.9	23.0	22.4	- .4	2.2
Chemicals and allied products	64.3	64.6	64.0	- .4	.4
Industrial inorganic chemicals	11.5	11.5	11.4	.1	1.2
Plastics materials and synthetics	8.7	8.8	8.8	- .5	- 1.0
Petroleum and coal products	9.7	9.8	9.8	- .7	- .9
Rubber and misc. plastics products	89.1	88.9	83.5	.2	6.7
Tires and inner tubes	20.6	20.6	20.3	.0	1.6
Miscellaneous plastics products	47.7	47.6	43.6	.2	9.4
Leather and leather products	4.7	4.7	5.0	- .2	- 6.4

See footnotes at end of table.

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN OHIO[a]
AUGUST 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	August 1984[b]	July 1984[c]	August 1983[c]	Aug. 1984[b]	July 1984[c]	Aug. 1983[c]	Aug. 1984[b]	July 1984[c]	Aug. 1983[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$456.46	$454.53	$433.42	41.8	41.7	41.2	$10.92	$10.90	$10.52
Durable Goods[d]	477.28	472.63	445.52	42.2	41.9	41.1	11.31	11.28	10.84
Lumber and wood products	299.15	301.76	294.33	40.7	41.0	40.1	7.35	7.36	7.34
Furniture and fixtures	327.62	310.87	306.77	40.8	39.4	40.1	8.03	7.89	7.65
Household furniture	288.64	274.25	270.97	40.2	38.9	38.6	7.18	7.05	7.02
Stone, clay, and glass products	425.11	419.98	401.64	41.8	41.5	40.9	10.17	10.12	9.82
Glass and glassware, pressed or blown.	451.28	435.20	415.28	41.1	40.0	39.4	10.98	10.88	10.54
Structural clay products	318.84	323.05	310.06	41.3	41.9	41.9	7.72	7.71	7.40
Pottery and related products	322.61	333.02	324.76	37.6	37.8	37.2	8.58	8.81	8.73
Primary metal industries	538.88	530.01	492.83	42.1	41.7	40.1	12.80	12.71	12.29
Blast furnace and basic steel products	534.30	526.51	486.54	40.6	40.1	38.1	13.16	13.13	12.77
Iron and steel foundries	546.08	512.91	496.70	43.1	41.7	41.6	12.67	12.30	11.94
Nonferrous rolling and drawing	598.65	619.16	540.06	42.7	44.1	41.8	14.02	14.04	12.92
Nonferrous foundries	434.85	413.69	410.48	44.6	43.5	43.3	9.75	9.51	9.48
Fabricated metal products	459.68	462.45	449.35	41.6	41.7	41.8	11.05	11.09	10.75
Cutlery, hand tools, and hardware	465.16	461.71	448.94	40.1	39.7	40.3	11.60	11.63	11.14
Plumbing and heating, except electric.	387.20	370.96	339.65	41.5	40.9	40.1	9.33	9.07	8.47
Fabricated structural metal products	412.10	415.07	418.50	41.5	41.8	41.6	9.93	9.93	10.06
Screw machine products, bolts, etc.	380.79	385.54	382.18	41.3	41.5	40.4	9.22	9.29	9.46
Metal forgings and stampings	551.04	558.41	533.72	42.0	42.4	42.8	13.12	13.17	12.47
Machinery, except electrical	455.52	459.43	421.14	42.1	42.5	40.3	10.82	10.81	10.45
Construction and related machinery	407.78	405.16	419.15	39.9	39.8	39.1	10.22	10.18	10.72
Metalworking machinery	426.01	432.64	390.79	41.2	41.6	38.2	10.34	10.40	10.23
Special industry machinery	443.11	461.32	413.76	43.4	44.4	41.5	10.21	10.39	9.97
General industrial machinery	455.10	444.29	419.35	41.6	41.1	40.4	10.94	10.81	10.38
Electric and electronic equipment	415.34	412.70	395.60	40.8	40.7	40.7	10.18	10.14	9.72
Electrical industrial apparatus	407.71	410.69	359.42	41.1	41.4	38.4	9.92	9.92	9.36
Household appliances	430.44	425.08	413.71	40.8	40.6	40.8	10.55	10.47	10.14
Electric lighting and wiring equipment	409.45	397.80	397.74	40.3	39.9	42.0	10.16	9.97	9.47
Communication equipment	441.16	443.31	454.95	41.0	41.2	42.4	10.76	10.76	10.73
Transportation equipment	600.76	587.80	541.80	44.6	43.8	43.0	13.47	13.42	12.60
Motor vehicles and equipment	632.45	614.10	564.18	45.5	44.5	43.6	13.90	13.80	12.94
Aircraft and parts	527.50	535.86	489.76	42.2	42.8	41.4	12.50	12.52	11.83
Instruments and related products	318.33	310.07	308.45	40.5	39.6	39.8	7.86	7.83	7.75
Measuring and controlling devices	308.45	298.38	299.15	39.8	38.6	38.8	7.75	7.73	7.71
Nondurable Goods[e]	411.00	412.00	403.50	41.1	41.2	41.3	10.00	10.00	9.77
Food and kindred products	415.80	418.47	409.04	42.0	42.1	42.3	9.90	9.94	9.67
Meat products	393.96	398.79	405.32	42.0	42.2	41.7	9.38	9.45	9.72
Dairy products	416.75	416.98	414.54	42.7	43.3	44.1	9.76	9.63	9.40
Bakery products	449.63	460.74	411.83	41.1	42.0	40.1	10.94	10.97	10.27
Beverages	380.16	374.46	373.83	39.6	39.5	40.9	9.60	9.48	9.14
Textile mill products	333.27	321.44	319.70	41.4	41.0	42.4	8.05	7.84	7.54
Apparel and other textile products	244.30	240.30	236.25	37.7	36.8	37.8	6.48	6.53	6.25
Paper and allied products	442.04	445.59	432.08	43.0	43.9	44.0	10.28	10.15	9.82
Paper mills, except building paper	563.34	545.56	523.28	45.8	46.0	47.1	12.30	11.86	11.11
Misc. converted paper products	396.86	414.86	381.60	42.4	43.9	42.4	9.36	9.45	9.00
Paperboard containers and boxes	378.12	384.64	395.90	41.1	41.9	42.8	9.20	9.18	9.25
Printing and publishing	379.55	379.33	371.35	38.3	38.2	37.7	9.91	9.93	9.85
Newspapers	325.04	324.38	315.89	33.1	33.1	32.6	9.82	9.80	9.69
Commercial printing	389.30	395.28	386.31	40.3	40.5	39.5	9.66	9.76	9.78
Chemicals and allied products	470.76	470.76	457.75	40.9	40.9	41.5	11.51	11.51	11.03
Industrial inorganic chemicals	509.63	513.36	485.62	41.4	41.5	41.4	12.31	12.37	11.73
Plastics materials and synthetics	530.86	527.56	514.21	43.3	43.6	44.1	12.26	12.10	11.66
Petroleum and coal products	607.39	600.06	593.64	43.2	42.8	42.8	14.06	14.02	13.87
Rubber and misc. plastics products	410.06	413.14	407.11	41.8	42.2	42.1	9.81	9.79	9.67
Tires and inner tubes	610.08	593.38	564.83	46.5	45.4	44.3	13.12	13.07	12.75
Miscellaneous plastics products	385.56	394.48	389.06	40.8	41.7	41.7	9.45	9.46	9.33
Leather and leather products	220.13	218.06	210.76	41.3	41.3	38.6	5.33	5.28	5.46

See footnotes at end of table.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN OHIO[a]
AUGUST 1984 (Continued)

Industry	Employment (in thousands)			Percent Change From[d]	
	August 1984[b]	July 1984[c]	August 1983[c]	July 1984	August 1983
NONMANUFACTURING	3053.5	3057.9	2999.3	-.1	1.8
MINING	28.1	28.3	27.4	-.8	2.5
Bituminous coal and lignite mining	11.7	12.0	11.6	-2.0	1.0
CONSTRUCTION	145.1	144.0	142.2	.8	2.1
General building contractors	36.5	36.1	34.8	1.0	4.7
Heavy construction contractors	24.8	24.6	23.3	1.0	6.6
TRANSPORTATION AND PUBLIC UTILITIES	200.4	200.1	184.6	.1	8.6
Railroad transportation	19.4	19.7	19.3	-1.3	.7
Transportation, except railroads	89.2	88.6	87.3	.6	2.1
Trucking and warehousing	63.2	62.6	62.9	.9	.5
Communication, electric, gas services	91.8	91.9	78.0	-.1	17.7
Communication	51.8	51.8	37.4[h]	-.1	38.6
Electric, gas, and sanitary services	40.1	40.1	40.7	.0	-1.5
WHOLESALE TRADE	223.6	223.6	221.3	.0	1.0
Wholesale trade-durable goods	139.7	139.7	138.5	.0	.9
Motor vehicles & automotive equipment	20.5	20.4	20.3	.5	1.2
Electrical goods	18.7	18.8	18.5	-.7	.9
Machinery, equipment, and supplies	58.5	58.5	58.0	-.1	1.0
Wholesale trade-nondurable goods	83.9	83.9	82.8	.0	1.2
Groceries and related products	26.5	26.5	25.9	.2	2.5
RETAIL TRADE	720.4	718.6	712.4	.2	1.1
General merchandise stores	110.2	110.3	108.3	-.1	1.7
Department stores	101.6	101.7	99.6	-.1	2.0
Food stores	119.1	119.1	117.3	.0	1.5
Automotive dealers & service stations	76.0	76.1	76.3	-.1	-.4
Apparel and accessory stores	33.2	32.7	33.5	1.6	-.8
FINANCE, INSURANCE, AND REAL ESTATE	215.8	215.6	212.3	.1	1.6
Banking	57.8	57.9	58.9	-.1	-1.8
Credit agencies other than banks	32.6	32.5	31.7	.2	2.7
Insurance carriers	59.8	59.6	59.4	.3	.5
SERVICES	905.5	906.4	883.0	-.1	2.5
Hotels and other lodging places	30.7	30.4	30.8	1.0	-.4
Laundry, cleaning, & garment services	16.4	16.5	16.3	-.1	.7
Business services	137.9	136.9	130.8	.7	5.4
Health services	332.4	331.7	323.7	.2	2.7
Hospitals	179.1	179.2	177.4	.0	1.0
GOVERNMENT	614.7	621.2	616.2	-1.0	-.2
Federal government	91.6	91.7	89.1	-.1	2.8
State government	122.1	123.4	122.5	-1.1	-.3
State government, except education	70.5	70.5	71.4	.1	-1.3
State government education[i]	51.6	52.9	51.0	-2.5	1.1
Local government	401.1	406.1	404.6	-1.2	-.9
Local government, except education	189.0	190.7	194.6	-.9	-2.9
Local government education	212.1	215.5	210.0	-1.6	1.0

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[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes miscellaneous manufacturing. [f] Includes tobacco manufactures. [h] Depressed due to labor-management disputes. [i] Includes State Universities, State Schools for Deaf and Blind, and the State Library. Excludes hospitals, the agricultural extension service, agricultural research centers, and departments coordinating and administering educational programs (notably, the Ohio Department of Education).

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN OHIO[a]
AUGUST 1984 (Continued)

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	August 1984[b]	July 1984[c]	August 1983[c]	Aug. 1984[b]	July 1984[c]	Aug. 1983[c]	Aug. 1984[b]	July 1984[c]	Aug. 1983[c]
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
MINING	$490.56	$489.00	$456.86	43.8	43.7	43.1	$11.20	$11.19	$10.60
Bituminous coal and lignite mining	602.28	604.35	561.43	42.0	42.5	41.1	14.34	14.22	13.66
CONSTRUCTION	605.66	597.53	575.91	39.1	38.6	37.3	15.49	15.48	15.44
General building contractors	566.21	540.41	515.06	40.1	38.3	36.4	14.12	14.11	14.15
Heavy construction contractors	605.01	598.80	566.96	40.2	40.0	38.0	15.05	14.97	14.92
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Railroad transportation	......	......	......	....	....	....	....	....	....
Transportation, except railroads	......	......	......	....	....	....	....	....	....
Trucking and warehousing	438.95	438.78	435.25	35.6	35.5	35.3	12.33	12.36	12.33
Communication, electric, gas services	501.84	491.25	442.66	40.8	40.7	39.7	12.30	12.07	11.15
Communication	498.17	488.38	405.89	40.7	40.8	38.4	12.24	11.97	10.57
Electric, gas, and sanitary services	506.34	495.73	469.34	40.9	40.6	40.6	12.38	12.21	11.56
WHOLESALE TRADE	338.69	341.12	330.17	39.2	39.3	39.4	8.64	8.68	8.38
Wholesale trade—durable goods	334.62	334.57	323.56	39.6	39.5	39.7	8.45	8.47	8.15
Motor vehicles & automotive equipment	280.10	279.30	286.73	39.9	38.9	38.8	7.02	7.18	7.39
Electrical goods	289.18	277.50	268.00	38.1	37.0	37.8	7.59	7.50	7.09
Machinery, equipment, and supplies	375.56	377.45	361.09	39.7	39.9	40.3	9.46	9.46	8.96
Wholesale trade—nondurable goods	345.86	352.17	341.54	38.6	39.0	38.9	8.96	9.03	8.78
Groceries and related products	370.05	374.26	370.24	41.3	41.4	41.6	8.96	9.04	8.90
RETAIL TRADE[f]	161.91	162.46	162.90	29.6	29.7	30.0	5.47	5.47	5.43
General merchandise stores	167.48	166.77	169.02	30.9	30.6	31.3	5.42	5.45	5.40
Department stores	170.19	170.02	172.54	31.0	30.8	31.6	5.49	5.52	5.46
Food stores	206.49	211.05	227.01	30.1	30.9	32.2	6.86	6.83	7.05
Automotive dealers & service stations	224.44	224.22	212.99	36.2	36.4	36.1	6.20	6.16	5.90
Apparel and accessory stores	122.38	116.77	115.44	27.5	26.6	26.0	4.45	4.39	4.44
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
Banking	225.39	225.69	217.29	....	....	....	....	....	....
Credit agencies other than banks	220.70	219.93	210.50	....	....	....	....	....	....
Insurance carriers	298.92	299.07	291.15	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
Hotels and other lodging places	......	......	......	....	....	....	....	....	....
Laundry, cleaning, & garment services	......	......	......	....	....	....	....	....	....
Business services	......	......	......	....	....	....	....	....	....
Health services	......	......	......	....	....	....	....	....	....
Hospitals	290.30	290.64	283.71	33.6	33.6	34.1	8.64	8.65	8.32
GOVERNMENT	......	......	......	....	....	....	....	....	....
Federal government	......	......	......	....	....	....	....	....	....
State government	......	......	......	....	....	....	....	....	....
State government, except education	......	......	......	....	....	....	....	....	....
State government education	......	......	......	....	....	....	....	....	....
Local government	......	......	......	....	....	....	....	....	....
Local government, except education	......	......	......	....	....	....	....	....	....
Local government education	......	......	......	....	....	....	....	....	....

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes miscellaneous manufacturing. [e] Includes tobacco manufactures. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN AKRON METROPOLITAN AREA[a]
AUGUST 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	August 1984[b]	July 1984[c]	August 1983[c]	July 1984	August 1983
TOTAL	250.3	250.6	244.3	- .1	2.5
MANUFACTURING	67.6	67.8	65.6	- .4	3.0
Durable Goods[e]	34.8	34.9	33.0	- .4	5.5
Stone, clay, and glass products	1.3	1.3	1.4	1.1	- 6.5
Fabricated metal products	12.7	13.0	12.2	- 2.3	4.4
Machinery, except electrical	9.3	9.1	8.8	1.6	5.8
Special industry machinery	1.5	1.4	1.4	3.9	8.1
Nondurable Goods[f]	32.8	32.9	32.7	- .4	.4
Food and kindred products	2.7	2.7	2.7	.6	1.7
Chemicals and allied products	2.9	2.9	3.2	- .4	- 10.8
Rubber and misc. plastics products	22.0	22.0	21.5	- .2	2.1
Tires and inner tubes	15.6	15.6	15.5	- .3	.9
NONMANUFACTURING[g]	182.8	182.8	178.6	.0	2.3
CONSTRUCTION	8.3	8.1	8.0	1.6	3.0
TRANSPORTATION AND PUBLIC UTILITIES	12.6	12.6	11.8	.0	6.8
Communication, electric, gas services ..	5.3	5.3	4.7[h]	- .1	13.7
WHOLESALE TRADE	11.7	11.6	11.8	.6	- 1.0
RETAIL TRADE	46.4	46.3	45.6	.3	1.8
FINANCE, INSURANCE, AND REAL ESTATE	9.7	9.6	9.4	.5	2.9
SERVICES	57.4	57.3	55.0	.2	4.4
GOVERNMENT	36.0	36.5	36.3	- 1.4	- .7
State government (includes education) ..	10.1	10.2	10.1	- .7	.4
Local government (includes education) ..	23.8	24.2	24.1	- 1.8	- 1.6

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Akron area is defined as Portage and Summit Counties. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; primary metal industries; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

Labor Market Information Division
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Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN AKRON METROPOLITAN AREA^a
AUGUST 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	August 1984^b	July 1984^c	August 1983^c	Aug. 1984^b	July 1984^c	Aug. 1983^c	Aug. 1984^b	July 1984^c	Aug. 1983^c
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$465.91	$464.61	$446.16	43.1	43.3	42.9	$10.81	$10.73	$10.40
Durable Goods^d	472.69	474.36	447.26	42.7	43.4	42.8	11.07	10.93	10.45
Stone, clay, and glass products	398.35	394.48	400.16	41.8	41.7	42.3	9.53	9.46	9.46
Fabricated metal products	549.54	549.12	503.10	41.6	42.7	43.0	13.21	12.86	11.70
Machinery, except electrical	405.10	418.53	410.55	43.7	45.1	42.9	9.27	9.28	9.57
Special industry machinery	467.08	517.09	439.01	46.2	49.2	44.3	10.11	10.51	9.91
Nondurable Goods^e	457.27	449.53	443.76	43.8	43.1	43.0	10.44	10.43	10.32
Food and kindred products	455.11	462.60	464.90	44.1	45.0	45.4	10.32	10.28	10.24
Chemicals and allied products	449.28	464.61	481.34	41.6	42.9	43.6	10.80	10.83	11.04
Rubber and misc. plastics products	489.52	474.56	465.16	45.2	43.9	43.8	10.83	10.81	10.62
Tires and inner tubes	672.07	651.58	607.31	49.2	47.7	45.8	13.66	13.66	13.26
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	558.47	602.46	548.55	36.1	38.3	35.9	15.47	15.73	15.28
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	508.80	497.75	454.68	40.9	40.9	39.4	12.44	12.17	11.54
WHOLESALE TRADE	332.45	321.57	295.68	40.2	39.7	38.5	8.27	8.10	7.68
RETAIL TRADE^f	180.60	178.47	176.95	30.2	30.3	30.3	5.98	5.89	5.84
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
State government (includes education)	......	......	......	....	....	....	....	....	....
Local government (includes education)	......	......	......	....	....	....	....	....	....

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Akron area is defined as Portage and Summit Counties. Date relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; furniture and fixtures; primary metal industries; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

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Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CANTON METROPOLITAN AREA[a]

AUGUST 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	August 1984[b]	July 1984[c]	August 1983[c]	July 1984	August 1983
TOTAL	148.3	147.9	143.9	.3	3.1
MANUFACTURING	45.8	45.4	44.1	1.0	3.9
Durable Goods[e]	34.3	33.8	33.6	1.3	2.1
Stone, clay, and glass products	1.6	1.6	1.7	.2	- 4.3
Primary metal industries	11.5	11.4	10.9	.8	5.4
Fabricated metal products	7.4	7.3	7.4	2.2	.6
Fabricated structural metal products	1.7	1.7	1.9	.0	- 15.1
Metal forgings and stampings	2.6	2.5	2.3	4.8	15.9
Nondurable Goods[f]	11.5	11.5	10.5	- .2	9.6
Food and kindred products	4.2	4.2	3.7	.4	15.0
Rubber and misc. plastics products	2.9	2.8	2.5	1.6	13.4
NONMANUFACTURING[g]	102.5	102.5	99.8	.0	2.7
CONSTRUCTION	5.4	5.4	4.8	.7	13.6
TRANSPORTATION AND PUBLIC UTILITIES	5.9	5.9	5.6	- .3	5.0
Communication, electric, gas services	2.7	2.7	2.4[h]	- .3	13.3
WHOLESALE TRADE	7.6	7.6	7.3	.2	3.8
RETAIL TRADE	26.5	26.4	26.2	.3	1.3
FINANCE, INSURANCE, AND REAL ESTATE	6.8	6.8	6.5	.0	4.7
SERVICES	31.8	31.9	31.0	- .3	2.8
GOVERNMENT	17.2	17.2	17.3	- .2	- .6
Local government (includes education)	14.4	14.4	14.5	- .1	- .5

[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Canton area is defined as Carroll and Stark Counties. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CANTON METROPOLITAN AREA[a]
AUGUST 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	August 1984[b]	July 1984[c]	August 1983[c]	Aug. 1984[b]	July 1984[c]	Aug. 1983[c]	Aug. 1984[b]	July 1984[c]	Aug. 1983[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$447.45	$441.73	$421.40	40.9	40.6	39.2	$10.94	$10.88	$10.75
Durable Goods[d]	466.99	458.78	432.84	41.0	40.6	39.1	11.39	11.30	11.07
Stone, clay, and glass products	276.32	279.74	281.88	38.7	39.4	40.5	7.14	7.10	6.96
Primary metal industries	503.46	501.84	446.46	41.2	41.0	37.9	12.22	12.24	11.78
Fabricated metal products	535.82	477.12	510.06	42.9	40.4	41.3	12.49	11.81	12.35
Fabricated structural metal products	364.59	376.28	385.93	39.5	40.9	35.9	9.23	9.20	10.75
Metal forgings and stampings	679.60	570.75	645.66	46.2	41.6	44.9	14.71	13.72	14.38
Nondurable Goods[e]	390.05	386.48	384.30	40.8	40.3	39.7	9.56	9.59	9.68
Food and kindred products	396.01	391.38	408.88	40.7	40.1	38.0	9.73	9.76	10.76
Rubber and misc. plastics products	452.76	449.95	404.98	44.0	43.6	42.9	10.29	10.32	9.44
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	591.69	590.70	545.64	38.1	37.6	35.5	15.53	15.71	15.37
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	516.23	500.03	465.66	41.8	41.6	41.1	12.35	12.02	11.33
WHOLESALE TRADE	332.49	329.08	310.90	37.4	37.1	37.1	8.89	8.87	8.38
RETAIL TRADE[f]	161.70	162.30	161.50	30.0	30.0	30.3	5.39	5.41	5.33
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
Local government (includes education)	......	......	......	....	....	....	....	....	....

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Canton area is defined as Carroll and Stark Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; furniture and fixtures; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CINCINNATI METROPOLITAN AREA[a]
AUGUST 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	August 1984[b]	July 1984[c]	August 1983[c]	July 1984	August 1983
TOTAL	588.5	588.4	571.8	.0	2.9
MANUFACTURING	146.1	145.6	141.8	.3	3.0
Durable Goods[e]	79.7	79.5	77.6	.3	2.7
Furniture and fixtures	2.0	2.0	2.2	.0	-7.6
Primary metal industries	2.2	2.2	1.7	2.1	27.9
Fabricated metal products	12.4	12.5	12.3	-.7	.8
Fabricated structural metal products	3.6	3.6	3.9	-.9	-9.2
Machinery, except electrical	19.1	19.1	18.4	.1	3.6
Metalworking machinery	7.9	7.9	7.8	-.3	1.7
General industrial machinery	3.5	3.6	3.4	-.9	3.5
Electric and electronic equipment	8.2	8.1	8.0	1.5	2.9
Transportation equipment	25.4	25.5	25.1	-.1	1.4
Motor vehicles and equipment	10.1	10.0	10.0	1.9	1.4
Nondurable Goods[f]	66.4	66.1	64.2	.4	3.4
Food and kindred products	14.7	14.5	14.4	1.5	2.2
Meat products	2.3	2.4	2.2	-1.3	4.5
Bakery products	2.5	2.5	2.4	-.4	3.9
Beverages	4.3	4.1	4.3	5.3	.7
Apparel and other textile products	3.9	3.9	3.9	-.3	-2.0
Paper and allied products	6.1	6.0	5.8	2.7	5.3
Printing and publishing	11.5	11.6	11.1[h]	-1.3	3.7
Chemicals and allied products	21.9	21.9	21.2	-.3	3.2
Rubber and misc. plastics products	5.0	5.0	4.5	.9	11.8
NONMANUFACTURING[g]	442.4	442.8	430.0	-.1	2.9
CONSTRUCTION	22.2	21.7	21.4	2.3	3.4
TRANSPORTATION AND PUBLIC UTILITIES	31.1	31.1	28.9	.1	7.6
Communication, electric, gas services	14.1	14.1	12.3[h]	-.1	14.2
WHOLESALE TRADE	36.3	36.4	36.1	-.4	.4
RETAIL TRADE	105.5	105.5	104.0	-.1	1.4
FINANCE, INSURANCE, AND REAL ESTATE	33.8	33.8	32.9	.0	2.6
Banking	7.5	7.5	7.4	-.2	1.2
Insurance carriers	11.4	11.4	11.1	.1	3.3
SERVICES	138.0	138.1	131.9	-.1	4.6
GOVERNMENT	75.2	75.8	74.2	-.9	1.3
Federal government	13.2	13.3	12.3	-.7	7.4
State government (includes education)	16.2	16.1	16.3	.4	-.3
Local government	45.7	46.3	45.6	-1.4	.3
Local government, except education	22.1	22.3	22.2	-1.0	-.7
Local government education	23.7	24.1	23.4	-1.7	1.2

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[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Cincinnati area is defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; stone, clay, and glass products; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CINCINNATI METROPOLITAN AREA[a]
AUGUST 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	August 1984[b]	July 1984[c]	August 1983[c]	Aug. 1984[b]	July 1984[c]	Aug. 1983[c]	Aug. 1984[b]	July 1984[c]	Aug. 1983[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$439.07	$430.73	$415.34	41.5	41.1	40.8	$10.58	$10.48	$10.18
Durable Goods[d]	444.56	422.69	404.00	41.9	40.8	40.4	10.61	10.36	10.00
Furniture and fixtures	343.54	340.61	326.68	40.8	40.5	41.3	8.42	8.41	7.91
Primary metal industries	497.03	473.69	401.79	42.3	40.8	37.1	11.75	11.61	10.83
Fabricated metal products	370.26	392.09	390.15	39.6	41.1	42.5	9.35	9.54	9.18
Fabricated structural metal products	382.27	425.65	359.72	42.1	44.9	41.3	9.08	9.48	8.71
Machinery, except electrical	386.38	381.64	361.62	40.8	40.3	38.8	9.47	9.47	9.32
Metalworking machinery	434.52	418.26	383.69	40.8	39.2	37.0	10.65	10.67	10.37
General industrial machinery	338.18	344.06	332.00	39.6	40.1	40.0	8.54	8.58	8.30
Electric and electronic equipment	334.53	333.33	292.99	41.3	40.7	38.2	8.10	8.19	7.67
Transportation equipment	661.93	582.82	553.10	45.4	41.6	41.4	14.58	14.01	13.36
Motor vehicles and equipment	767.83	613.96	619.05	49.0	41.4	42.9	15.67	14.83	14.43
Nondurable Goods[e]	433.61	440.73	428.69	41.1	41.5	41.3	10.55	10.62	10.38
Food and kindred products	502.11	512.20	473.91	43.7	44.5	42.2	11.49	11.51	11.23
Meat products	430.01	444.60	422.00	44.7	45.6	42.2	9.62	9.75	10.00
Bakery products	487.64	499.75	446.26	43.5	44.7	43.2	11.21	11.18	10.33
Beverages	469.69	469.83	449.02	42.2	41.8	42.4	11.13	11.24	10.59
Apparel and other textile products	218.67	214.20	212.27	37.0	36.0	36.1	5.91	5.95	5.88
Paper and allied products	394.48	390.08	390.08	42.1	42.4	42.4	9.37	9.20	9.20
Printing and publishing	414.00	407.55	426.77	40.0	39.8	40.8	10.35	10.24	10.46
Chemicals and allied products	495.29	498.84	493.12	40.3	40.1	41.3	12.29	12.44	11.94
Rubber and misc. plastics products	341.32	402.86	356.89	42.4	46.2	44.5	8.05	8.72	8.02
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	549.78	557.57	553.44	38.5	39.1	37.7	14.28	14.26	14.68
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	479.58	468.46	432.69	39.7	39.3	39.3	12.08	11.92	11.01
WHOLESALE TRADE	363.04	361.67	341.82	40.7	40.5	39.7	8.92	8.93	8.61
RETAIL TRADE[f]	167.99	167.77	164.83	31.4	31.3	31.1	5.35	5.36	5.30
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
Banking	230.64	231.56	221.45	....	....	....	....	....	....
Insurance carriers	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
Federal government	......	......	......	....	....	....	....	....	....
State government (includes education)	......	......	......	....	....	....	....	....	....
Local government	......	......	......	....	....	....	....	....	....
Local government, except education	......	......	......	....	....	....	....	....	....
Local government education	......	......	......	....	....	....	....	....	....

[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Cincinnati area is defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; stone, clay, and glass products; instruments and related products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [g] Low due to labor-management disputes during part of pay period.

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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CLEVELAND METROPOLITAN AREA[a]
AUGUST 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	August 1984[b]	July 1984[c]	August 1983[c]	July 1984	August 1983
TOTAL	831.5	834.0	825.5	- .3	.7
MANUFACTURING	209.0	209.4	206.5	- .2	1.2
Durable Goods[e]	144.2	144.4	142.8	- .1	1.0
Furniture and fixtures	1.9	2.0	2.0	- 7.3	- 5.3
Primary metal industries	23.6	23.6	24.4	- .2	- 3.4
Blast furnace and basic steel products	11.2	11.2	13.0	.1	- 14.0
Iron and steel foundries	5.8	5.9	5.6	- .9	5.1
Nonferrous foundries	2.5	2.5	2.4	- 2.2	5.1
Fabricated metal products	31.8	31.4	31.5	1.3	.9
Fabricated structural metal products	3.8	3.8	3.8	.8	1.2
Screw machine products, bolts, etc.	4.3	4.1	4.3	3.3	- 1.4
Metal forgings and stampings	10.8	10.6	10.7	1.6	.6
Machinery, except electrical	31.8	32.0	30.2	- .5	5.6
Construction and related machinery	4.5	4.6	5.3	- 2.8	- 15.1
Metalworking machinery	10.4	10.4	9.9	.2	5.3
Special industry machinery	3.3	3.3	2.8	.2	15.9
General industrial machinery	2.8	2.8	2.5	- 1.0	13.7
Electric and electronic equipment	22.1	22.2	22.0	- .4	.8
Electrical industrial apparatus	7.5	7.5	7.2	- 1.0	3.2
Transportation equipment	19.0	19.1	19.3	- .7	- 1.7
Motor vehicles and equipment	12.5	12.6	13.2	- 1.0	- 5.4
Instruments and related products	6.0	5.9	5.7	.7	4.5
Nondurable Goods[f]	64.8	65.0	63.7	- .3	1.7
Food and kindred products	7.6	7.7	7.8	- 1.0	- 2.3
Bakery products	1.8	1.8	1.7	- 1.5	.9
Beverages	1.6	1.6	1.7	.0	- 5.1
Apparel and other textile products	5.1	5.1	4.7	.5	8.1
Paper and allied products	5.1	5.0	4.8	.8	5.8
Printing and publishing	15.3	15.3	14.8	- .1	3.6
Chemicals and allied products	14.3	14.4	14.6	- .7	- 2.1
Industrial inorganic chemicals	3.2	3.2	3.4	- .2	- 5.2
Rubber and misc. plastics products	11.2	11.2	11.0	.5	2.3
NONMANUFACTURING[g]	622.5	624.6	619.0	- .3	.6
CONSTRUCTION	25.8	26.0	27.6	- .7	- 6.3
TRANSPORTATION AND PUBLIC UTILITIES	41.9	41.8	36.9	.4	13.6
Communication, electric, gas services	19.7	19.6	15.0[h]	.3	31.6
WHOLESALE TRADE	57.8	58.0	58.3	- .4	- .9
RETAIL TRADE	134.7	135.0	134.6	- .2	.0
FINANCE, INSURANCE, AND REAL ESTATE	48.4	48.5	49.6	- .2	- 2.3
Banking	12.6	12.7	13.5	- .5	- 6.4
Insurance carriers	11.7	11.7	12.3	- .3	- 4.9
SERVICES	200.8	200.5	195.8	.1	2.6
GOVERNMENT	111.8	113.5	115.2	- 1.5	- 2.9
Federal government	19.5	19.5	19.2	- .1	1.5
State government (includes education)	7.4	7.5	7.3	- 1.4	.5
Local government	84.9	86.5	88.6	- 1.9	- 4.2
Local government, except education	47.6	47.4	50.5	.4	- 5.8
Local government education	37.3	39.1	38.0	- 4.6	- 2.0

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Cleveland area is defined as Cuyahoga, Geauga, Lake, and Medina Counties. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; stone, clay, and glass products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CLEVELAND METROPOLITAN AREA[a]
AUGUST 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	August 1984[b]	July 1984[c]	August 1983[c]	Aug. 1984[b]	July 1984[c]	Aug. 1983[c]	Aug. 1984[b]	July 1984[c]	Aug. 1983[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$449.28	$438.95	$427.22	41.6	41.1	41.0	$10.80	$10.68	$10.42
Durable Goods[d]	478.26	463.27	451.82	42.1	41.4	41.3	11.36	11.19	10.94
Furniture and fixtures	352.75	319.28	312.24	41.5	38.7	38.5	8.50	8.25	8.11
Primary metal industries	542.29	502.94	501.80	42.3	40.3	40.5	12.82	12.48	12.39
Blast furnace and basic steel products	483.41	483.78	450.33	37.1	37.1	35.1	13.03	13.04	12.83
Iron and steel foundries	752.21	617.39	648.19	49.1	42.2	46.2	15.32	14.63	14.03
Nonferrous foundries	348.80	337.82	359.35	40.7	40.8	41.4	8.57	8.28	8.68
Fabricated metal products	461.78	452.81	428.04	42.6	42.2	41.0	10.84	10.73	10.44
Fabricated structural metal products .	376.97	386.55	348.93	41.7	42.2	38.9	9.04	9.16	8.97
Screw machine products, bolts, etc. ..	412.22	407.16	413.71	43.9	43.5	40.8	9.39	9.36	10.14
Metal forgings and stampings	587.84	564.45	521.90	44.0	42.6	42.5	13.36	13.25	12.28
Machinery, except electrical	444.96	445.30	437.38	41.2	41.5	40.8	10.80	10.73	10.72
Construction and related machinery ...	445.38	456.46	482.80	39.0	39.9	40.0	11.42	11.44	12.07
Metalworking machinery	398.40	396.60	409.11	39.8	39.7	39.3	10.01	9.99	10.41
Special industry machinery	457.70	462.98	475.76	39.8	40.4	42.9	11.50	11.46	11.09
General industrial machinery	405.30	407.35	392.12	42.0	42.3	40.3	9.65	9.63	9.73
Electric and electronic equipment	402.80	401.20	375.65	40.2	40.2	39.5	10.02	9.98	9.51
Electrical industrial apparatus	419.76	411.25	348.79	40.4	40.2	35.7	10.39	10.23	9.77
Transportation equipment	632.50	599.32	580.37	45.8	44.1	45.2	13.81	13.59	12.84
Motor vehicles and equipment	683.62	637.92	624.50	46.6	44.3	46.5	14.67	14.40	13.43
Instruments and related products	363.10	359.00	355.88	40.3	39.8	41.0	9.01	9.02	8.68
Nondurable Goods[e]	375.60	376.40	366.62	40.3	40.3	40.2	9.32	9.34	9.12
Food and kindred products	390.52	396.68	381.60	41.5	41.8	40.9	9.41	9.49	9.33
Bakery products	444.42	446.90	367.99	43.4	43.9	38.9	10.24	10.18	9.46
Beverages	334.84	334.15	346.76	38.8	38.9	40.7	8.63	8.59	8.52
Apparel and other textile products	265.17	275.53	266.73	37.4	37.9	38.6	7.09	7.27	6.91
Paper and allied products	418.20	419.62	409.77	42.2	42.3	43.5	9.91	9.92	9.42
Printing and publishing	365.54	366.05	363.07	36.3	36.1	35.7	10.07	10.14	10.17
Chemicals and allied products	473.18	472.60	440.34	42.4	42.5	41.0	11.16	11.12	10.74
Industrial inorganic chemicals	521.94	523.13	452.38	42.4	42.6	38.5	12.31	12.28	11.75
Rubber and misc. plastics products	334.43	327.13	331.93	41.7	41.2	42.5	8.02	7.94	7.81
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	776.49	762.49	679.13	40.4	39.9	37.5	19.22	19.11	18.11
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services ..	535.12	522.65	484.38	41.1	40.8	39.0	13.02	12.81	12.42
WHOLESALE TRADE	353.23	349.95	343.73	39.6	39.1	39.6	8.92	8.95	8.68
RETAIL TRADE[f]	180.52	181.15	175.53	29.4	29.6	29.5	6.14	6.12	5.95
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
Banking	257.09	258.33	246.79	....	....	....	....	....	....
Insurance carriers	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
Federal government	......	......	......	....	....	....	....	....	....
State government (includes education) ..	......	......	......	....	....	....	....	....	....
Local government	......	......	......	....	....	....	....	....	....
Local government, except education ...	......	......	......	....	....	....	....	....	....
Local government education	......	......	......	....	....	....	....	....	....

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[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Cleveland area is defined as Cuyahoga, Geauga, Lake, and Medina Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; stone, clay, and glass products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN COLUMBUS METROPOLITAN AREA[a]
AUGUST 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	August 1984[b]	July 1984[c]	August 1983[c]	July 1984	August 1983
TOTAL	513.0	512.2	496.3	.1	3.4
MANUFACTURING	88.9	88.3	84.3	.7	5.5
Durable Goods[e]	57.6	57.1	53.7	1.0	7.3
Stone, clay, and glass products	9.6	9.5	9.3	.8	2.8
Fabricated metal products	10.1	10.0	9.5	1.2	6.5
Machinery, except electrical	10.1	10.0	9.1	.9	11.6
Electric and electronic equipment	10.3	10.2	10.0	.4	2.7
Transportation equipment	9.1	8.9	8.2	1.5	11.1
Nondurable Goods[f]	31.2	31.2	30.5	.2	2.2
Food and kindred products	10.1	10.1	9.8	.4	3.1
Printing and publishing	8.1	8.1	7.9	- .4	1.7
Chemicals and allied products	6.3	6.3	6.0	- .7	4.5
Rubber and misc. plastics products	2.8	2.7	2.7	2.9	5.7
NONMANUFACTURING[g]	424.1	424.0	412.0	.0	2.9
CONSTRUCTION	17.6	17.4	16.6	1.2	5.9
TRANSPORTATION AND PUBLIC UTILITIES	23.3	23.4	20.1	- .3	16.2
Communication, electric, gas services	11.1	11.1	8.1[h]	- .1	36.9
WHOLESALE TRADE	28.2	28.0	27.4	.6	2.9
RETAIL TRADE	98.2	97.3	94.6	.9	3.8
FINANCE, INSURANCE, AND REAL ESTATE	45.9	45.8	44.0	.2	4.5
Banking	8.8	8.8	8.7	- .3	1.9
Insurance carriers	18.2	18.2	18.0	- .3	.9
SERVICES	116.9	117.1	112.8	- .2	3.6
GOVERNMENT	93.3	94.3	96.0	- 1.0	- 2.8
Federal government	11.9	11.9	11.3	.3	6.1
State government	43.0	43.1	43.8	- .2	- 1.8
State government, except education	27.3	27.3	28.2	.2	- 3.2
State government education[i]	15.7	15.8	15.6	- .8	.6
Local government	38.4	39.3	41.0	- 2.2	- 6.3
Local government, except education	18.0	18.6	20.7	- 3.1	- 12.9
Local government education	20.4	20.7	20.3	- 1.4	.4

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Columbus area is defined as Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes. [i] Includes State Universities, State Schools for Deaf and Blind, and the State Library. Excludes hospitals, the agricultural extension service, agricultural research centers, and departments coordinating and administering education programs (notably, the Ohio Department of Education).

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN COLUMBUS METROPOLITAN AREA[a]
AUGUST 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	August 1984[b]	July 1984[c]	August 1983[c]	Aug. 1984[b]	July 1984[c]	Aug. 1983[c]	Aug. 1984[b]	July 1984[c]	Aug. 1983[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$420.66	$414.53	$402.98	41.0	40.6	40.5	$10.26	$10.21	$ 9.95
Durable Goods[d]	429.45	423.23	419.80	40.9	40.5	40.6	10.50	10.45	10.34
Stone, clay, and glass products	397.01	394.22	379.99	39.9	39.7	39.5	9.95	9.93	9.62
Fabricated metal products	492.07	490.86	491.59	40.4	40.4	41.0	12.18	12.15	11.99
Machinery, except electrical	402.52	405.98	383.16	41.2	41.3	41.2	9.77	9.83	9.30
Electric and electronic equipment	413.88	410.04	426.70	40.3	40.2	42.5	10.27	10.20	10.04
Transportation equipment	555.81	530.62	520.70	44.5	43.0	43.5	12.49	12.34	11.97
Nondurable Goods[e]	400.88	396.32	369.77	41.2	40.9	40.5	9.73	9.69	9.13
Food and kindred products	384.47	383.05	370.82	41.7	41.5	41.9	9.22	9.23	8.85
Printing and publishing	457.05	462.56	429.39	38.7	39.4	37.6	11.81	11.74	11.42
Chemicals and allied products	440.80	450.02	425.80	40.0	40.8	41.3	11.02	11.03	10.31
Rubber and misc. plastics products	380.26	324.90	306.25	46.6	41.6	42.3	8.16	7.81	7.24
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	517.90	498.02	488.25	39.9	39.4	37.5	12.98	12.64	13.02
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	518.74	511.97	451.94	40.4	40.6	38.3	12.84	12.61	11.80
WHOLESALE TRADE	285.52	292.43	304.13	39.6	39.2	39.6	7.21	7.46	7.68
RETAIL TRADE[f]	159.64	160.52	168.00	29.4	29.4	30.0	5.43	5.46	5.60
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
Banking	242.12	243.44	238.73	....	....	....	....	....	....
Insurance carriers	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
Federal government	......	......	......	....	....	....	....	....	....
State government	......	......	......	....	....	....	....	....	....
State government, except education	......	......	......	....	....	....	....	....	....
State government education	......	......	......	....	....	....	....	....	....
Local government	......	......	......	....	....	....	....	....	....
Local government, except education	......	......	......	....	....	....	....	....	....
Local government education	......	......	......	....	....	....	....	....	....

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Columbus area is defined as Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN DAYTON METROPOLITAN AREA[a]

AUGUST 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	August 1984[b]	July 1984[c]	August 1983[c]	July 1984	August 1983
TOTAL	343.0	342.9	331.4	.1	3.5
MANUFACTURING	91.4	91.3	86.1	.1	6.2
Durable Goods[e]	63.4	63.4	59.5	.0	6.7
Stone, clay, and glass products	2.1	2.1	2.0	.6	6.6
Fabricated metal products	7.2	7.2	6.7	.4	8.6
Machinery, except electrical	29.4	29.3	27.3	.4	7.8
Metalworking machinery	6.7	6.6	6.3	1.4	6.6
Electric and electronic equipment	5.0	5.0	4.9	.6	3.4
Electrical industrial apparatus	2.9	2.9	2.8	1.6	4.4
Transportation equipment	13.4	13.5	12.9	- .8	3.4
Nondurable Goods[f]	28.0	27.9	26.6	.3	5.1
Food and kindred products	2.9	2.8	2.9	2.1	- .8
Paper and allied products	5.8	5.8	5.1	.7	14.0
Printing and publishing	7.5	7.4	7.2	.7	4.3
Rubber and misc. plastics products	8.2	8.2	8.0	- .3	2.5
NONMANUFACTURING[g]	251.6	251.5	245.3	.0	2.6
CONSTRUCTION	10.2	10.2	10.0	.2	2.0
TRANSPORTATION AND PUBLIC UTILITIES	13.0	13.0	11.8	- .2	10.4
Communication, electric, gas services	5.7	5.7	4.8[h]	- .2	17.3
WHOLESALE TRADE	17.1	17.1	16.6	.0	2.7
RETAIL TRADE	56.4	56.0	55.5	.6	1.6
FINANCE, INSURANCE, AND REAL ESTATE	14.3	14.3	14.0	.4	2.2
SERVICES	77.7	77.6	75.5	.2	3.0
GOVERNMENT	62.6	63.1	61.6	- .7	1.6
Federal government	27.1	27.1	26.3	- .2	2.9
State government (includes education)	5.4	5.4	5.2	- 1.0	2.3
Local government	30.2	30.5	30.0	- 1.2	.4
Local government, except education	13.3	13.4	13.4	- .8	- .6
Local government education	16.8	17.1	16.6	- 1.6	1.2

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Dayton area is defined as Greene, Miami, Montgomery, and Preble Counties. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN DAYTON METROPOLITAN AREA[a]
AUGUST 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	August 1984[b]	July 1984[c]	August 1983[c]	Aug. 1984[b]	July 1984[c]	Aug. 1983[c]	Aug. 1984[b]	July 1984[c]	Aug. 1983[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$479.09	$481.77	$445.42	42.7	42.9	42.1	$11.22	$11.23	$10.58
Durable Goods[d]	487.30	491.12	446.90	43.2	43.5	42.4	11.28	11.29	10.54
Stone, clay, and glass products	392.18	389.51	375.36	41.9	42.2	39.1	9.36	9.23	9.60
Fabricated metal products	375.73	369.33	341.15	42.6	42.5	39.9	8.82	8.69	8.55
Machinery, except electrical	531.93	535.79	476.77	44.7	45.1	43.7	11.90	11.88	10.91
Metalworking machinery	502.32	501.23	461.78	45.5	45.9	43.4	11.04	10.92	10.64
Electric and electronic equipment	341.94	345.64	314.42	41.7	42.1	39.6	8.20	8.21	7.94
Electrical industrial apparatus	376.00	383.96	332.87	42.2	42.9	39.3	8.91	8.95	8.47
Transportation equipment	613.24	624.46	558.54	43.4	44.1	42.8	14.13	14.16	13.05
Nondurable Goods[e]	457.88	460.24	440.26	41.4	41.5	41.3	11.06	11.09	10.66
Food and kindred products	401.32	407.26	389.20	42.2	42.6	40.0	9.51	9.56	9.73
Paper and allied products	416.21	423.20	381.71	43.4	43.9	41.9	9.59	9.64	9.11
Printing and publishing	433.82	426.02	424.86	39.8	38.8	38.8	10.90	10.98	10.95
Rubber and misc. plastics products	568.48	571.05	548.27	41.8	42.3	42.8	13.60	13.50	12.81
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	537.30	530.99	539.24	39.8	38.9	38.6	13.50	13.65	13.97
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	504.29	497.76	445.74	40.8	40.8	39.1	12.36	12.20	11.40
WHOLESALE TRADE	363.80	371.08	348.53	42.5	43.3	42.4	8.56	8.57	8.22
RETAIL TRADE[f]	160.19	160.97	161.10	29.5	29.7	30.0	5.43	5.42	5.37
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
Federal government	......	......	......	....	....	....	....	....	....
State government (includes education)	......	......	......	....	....	....	....	....	....
Local government	......	......	......	....	....	....	....	....	....
Local government, except education	......	......	......	....	....	....	....	....	....
Local government education	......	......	......	....	....	....	....	....	....

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Dayton area is defined as Greene, Miami, Montgomery, and Preble Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN TOLEDO METROPOLITAN AREA[a]
AUGUST 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	August 1984[b]	July 1984[c]	August 1983[c]	July 1984	August 1983
TOTAL	287.6	287.4	277.5	.1	3.7
MANUFACTURING	75.7	75.0	70.0	.9	8.2
Durable Goods[e]	59.4	59.2	54.0	.3	10.0
Stone, clay, and glass products	11.3	11.2	11.3	.8	.3
Primary metal industries	4.0	4.1	3.8	- 3.6	4.6
Fabricated metal products	8.6	8.6	7.6	.7	13.3
Metal forgings and stampings	4.0	4.0	3.5	1.3	16.0
Machinery, except electrical	6.5	6.5	5.9	1.0	10.8
General industrial machinery	1.5	1.5	1.6	- .3	- 1.6
Transportation equipment	20.9	20.8	17.9	.1	16.5
Motor vehicles and equipment	19.7	19.6	16.7	.3	17.5
Nondurable Goods[f]	16.3	15.8	15.9	3.3	2.1
Food and kindred products	4.5	3.8	4.1	18.3	9.1
Rubber and misc. plastics products	4.1	4.3	3.5	- 3.9	16.8
NONMANUFACTURING[g]	211.9	212.4	207.5	- .2	2.1
CONSTRUCTION	10.4	10.4	10.8	.5	- 3.9
TRANSPORTATION AND PUBLIC UTILITIES	17.7	17.8	16.8	- .1	5.4
Communication, electric, gas services	7.5	7.5	6.9[h]	.1	9.5
WHOLESALE TRADE	14.4	14.5	14.4	- .1	.2
RETAIL TRADE	50.2	49.9	49.8	.6	.9
FINANCE, INSURANCE, AND REAL ESTATE	11.0	11.1	10.8	- .2	2.2
SERVICES	66.3	66.5	64.5	- .3	2.7
GOVERNMENT	41.3	41.9	39.9	- 1.4	3.6
State government (includes education)	11.2	11.7	11.2	- 4.1	.1
Local government	27.3	27.4	26.0	- .4	5.2
Local government, except education	13.1	13.2	12.3	- 1.1	6.5
Local government education	14.2	14.2	13.6	.2	4.1

[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Toledo area is defined as Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; electric and electronic equipment; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN TOLEDO METROPOLITAN AREA[a]
AUGUST 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	August 1984[b]	July 1984[c]	August 1983[c]	Aug. 1984[b]	July 1984[c]	Aug. 1983[c]	Aug. 1984[b]	July 1984[c]	Aug. 1983[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$504.45	$498.37	$479.25	43.3	43.0	42.6	$11.65	$11.59	$11.25
Durable Goods[d]	529.43	521.23	499.36	43.9	43.4	42.9	12.06	12.01	11.64
Stone, clay, and glass products	513.04	504.45	483.36	44.0	43.3	42.7	11.66	11.65	11.32
Primary metal industries	501.98	499.85	484.47	44.9	45.4	44.9	11.18	11.01	10.79
Fabricated metal products	471.97	448.67	457.52	43.3	41.2	42.6	10.90	10.89	10.74
Metal forgings and stampings	520.78	507.96	518.63	42.1	41.5	43.4	12.37	12.24	11.95
Machinery, except electrical	428.48	434.30	437.06	41.2	41.6	41.0	10.40	10.44	10.66
General industrial machinery	452.76	455.67	493.85	40.9	41.2	41.5	11.07	11.06	11.90
Transportation equipment	633.20	624.56	579.47	45.1	44.9	43.8	14.04	13.91	13.23
Motor vehicles and equipment	635.96	627.75	577.28	45.2	45.0	43.7	14.07	13.95	13.21
Nondurable Goods[e]	409.70	403.65	408.93	41.3	41.4	41.6	9.92	9.75	9.83
Food and kindred products	430.76	452.41	449.07	41.7	42.6	44.2	10.33	10.62	10.16
Rubber and misc. plastics products	326.17	321.79	320.19	38.6	39.1	39.0	8.45	8.23	8.21
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	616.36	607.74	627.52	38.0	36.9	37.0	16.22	16.47	16.96
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	527.26	510.45	502.53	41.0	41.0	41.6	12.86	12.45	12.08
WHOLESALE TRADE	330.99	333.40	334.46	37.4	37.8	38.4	8.85	8.82	8.71
RETAIL TRADE[f]	164.35	162.38	164.28	29.4	29.1	29.6	5.59	5.58	5.55
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
State government (includes education)	......	......	......	....	....	....	....	....	....
Local government	......	......	......	....	....	....	....	....	....
Local government, except education	......	......	......	....	....	....	....	....	....
Local government education	......	......	......	....	....	....	....	....	....

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[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Toledo area is defined as Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; furniture and fixtures; electric and electronic equipment; instruments and related products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN YOUNGSTOWN-WARREN METROPOLITAN AREA[a]
AUGUST 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	August 1984[b]	July 1984[c]	August 1983[c]	July 1984	August 1983
TOTAL	181.1	181.7	177.3	- .3	2.1
MANUFACTURING	55.1	55.6	53.1	- .9	3.7
Durable Goods[e]	49.7	50.2	48.0	- 1.1	3.5
Stone, clay, and glass products	1.8	1.8	1.8	2.1	2.5
Primary metal industries	22.3	23.0	22.7	- 3.0	- 1.8
Blast furnace and basic steel products	8.6	9.2	9.2	- 5.8	- 6.5
Fabricated metal products	8.5	8.5	8.0	- .4	6.1
Fabricated structural metal products	2.1	2.0	1.9	2.0	8.3
Machinery, except electrical	3.8	3.8	3.8	.5	.0
Metalworking machinery	1.5	1.5	1.7	.7	- 10.8
Electric and electronic equipment	2.7	2.8	2.1	- .2	29.3
Transportation equipment	8.9	8.8	8.0	1.3	10.5
Nondurable Goods[f]	5.4	5.4	5.1	.8	6.3
NONMANUFACTURING[g]	125.9	126.1	124.2	- .1	1.4
CONSTRUCTION	5.5	5.4	5.5	.8	.4
TRANSPORTATION AND PUBLIC UTILITIES	7.6	7.5	7.1	.7	7.0
Communication, electric, gas services	3.1	3.1	2.7[h]	- .2	12.0
WHOLESALE TRADE	7.9	8.0	7.8	- .4	2.1
RETAIL TRADE	34.1	34.0	34.2	.2	- .5
FINANCE, INSURANCE, AND REAL ESTATE	7.4	7.4	7.3	.1	2.0
SERVICES	40.6	40.8	39.6	- .5	2.5
GOVERNMENT	22.3	22.3	22.1	- .3	.6
Local government (includes education)	17.3	17.3	17.2	.2	.5

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Youngstown-Warren area is defined as Mahoning and Trumbull Counties. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; instruments and related products; miscellaneous manufacturing. [f] Includes food and kindred products; tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and misc. plastics products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN YOUNGSTOWN-WARREN METROPOLITAN AREA[a]

AUGUST 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	August 1984[b]	July 1984[c]	August 1983[c]	Aug. 1984[b]	July 1984[c]	Aug. 1983[c]	Aug. 1984[b]	July 1984[c]	Aug. 1983[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$541.87	$578.58	$505.93	42.6	44.2	41.3	$12.72	$13.09	$12.25
Durable Goods[d]	558.54	598.09	519.58	42.8	44.6	41.5	13.05	13.41	12.52
Stone, clay, and glass products	359.84	360.19	356.29	38.2	38.4	39.5	9.42	9.38	9.02
Primary metal industries	587.30	585.90	522.29	42.1	42.0	40.3	13.95	13.95	12.96
Blast furnace and basic steel products	545.71	527.47	500.58	41.0	39.6	39.2	13.31	13.32	12.77
Fabricated metal products	552.24	575.77	586.53	41.9	43.0	44.3	13.18	13.39	13.24
Fabricated structural metal products	400.53	413.51	415.91	39.5	40.5	39.8	10.14	10.21	10.45
Machinery, except electrical	459.60	460.40	437.04	40.0	40.0	37.1	11.49	11.51	11.78
Metalworking machinery	458.85	474.60	449.64	41.6	42.0	38.3	11.03	11.30	11.74
Electric and electronic equipment	415.53	432.96	393.19	40.5	41.0	41.0	10.26	10.56	9.59
Transportation equipment	639.43	818.38	566.31	47.4	55.9	43.9	13.49	14.64	12.90
Nondurable Goods[e]	350.32	359.20	353.46	39.9	40.0	39.1	8.78	8.98	9.04
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	627.40	586.34	563.47	38.8	36.9	36.4	16.17	15.89	15.48
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	497.76	494.77	440.61	40.8	41.3	39.2	12.20	11.98	11.24
WHOLESALE TRADE	335.94	329.87	320.23	36.2	35.7	35.9	9.28	9.24	8.92
RETAIL TRADE[f]	169.90	171.05	168.04	29.6	29.8	29.9	5.74	5.74	5.62
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
Local government (includes education)	......	......	......	....	....	....	....	....	....

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Youngstown-Warren area is defined as Mahoning and Trumbull Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; furniture and fixtures; instruments and related products; miscellaneous manufacturing. [e] Includes food and kindred products; tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and misc. plastics products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

Labor Market Information Division
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NOTES ON OHIO EMPLOYMENT, HOURS, AND EARNINGS ESTIMATES

Civilian Labor Force Estimates

Civilian Labor Force.—Estimated number of workers 16 years of age and over, employed or unemployed during week including 12th of month, distributed by place of residence.

Total Employed.—Includes nonagricultural wage and salary workers, the self-employed, unpaid family workers, domestics, agricultural workers, and persons involved in labor disputes. Estimates of self-employed, domestics, and unpaid family workers based on data from U.S. Department of Labor and Bureau of the Census. Agricultural worker estimates derived from information supplied by U.S. Department of Agriculture. Estimates of workers involved in labor disputes based in part upon data from Federal Mediation and Conciliation Service. Employment distributed by place of residence.

Total Unemployed.—Estimated number of persons, by place of residence, who did not work during reference week and were looking for work, whether or not eligible for unemployment compensation. Includes those who did not work and were waiting to be called back to an old job or to report to a new job.

Nonagricultural Wage and Salary Employment

Collection.—Nonagricultural wage and salary employment as well as hours and earnings estimates based on monthly reports from sample of employers. Under cooperative arrangement with U.S. Bureau of Labor Statistics, Division of Research and Statistics of Ohio Bureau of Employment Services mails, edits, and processes Ohio reports, which are subsequently incorporated in national data.

Industrial Classification.—Employer establishments classified by industry on basis of their principal product or service. The Standard Industrial Classification Manual (U.S. Office of Management and Budget, Washington, D. C., 1972, amended 1977) used for classification.

Coverage.—Monthly reports on employment and (for most industries) payroll and hours obtained from approximately 8,000 Ohio employers.

Coverage of Ohio Nonagricultural Employment Sample

Industry Division	Approximate Percentage Covered by Sample
Total	43
Manufacturing	62
Nonmanufacturing	35
Mining	63
Construction	24
Transportation and Public Utilities	47
Wholesale Trade	19
Retail Trade	18
Finance, Insurance, and Real Estate	47
Services and Miscellaneous	21
Government	68

Nonagricultural Employment.—Persons who worked during, or received pay for, any part of pay periods which include 12th of month, distributed by place of employment. Includes persons on paid sick leave, paid holiday, or paid vacation. Excluded are persons laid off, on strike, or on unpaid vacation during entire reporting period. Proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers also excluded. Government employment covers only civilian employees. Full-time teachers considered employed during the summer vacation period, whether or not paid in those months.

Estimating Method.—Total employment is estimated from the employment of establishments reporting for two consecutive months, as follows:

$$\underset{\text{(current month)}}{\text{Total Employment}} = \underset{\text{(previous month)}}{\text{Total Employment}} \times \frac{\text{Sample Employment (current month)}}{\text{Sample Employment (previous month)}}$$

Benchmark Data.—Employment estimates compared annually with complete count of employment, by industry. Where revisions necessary, monthly estimates adjusted to new benchmark. Following revisions to new benchmark, industry data projected forward to current month by use of sample trends. Basic source of benchmark information is tabulations of employment data, by industry and area, compiled from contribution reports of employers covered under Ohio Unemployment Compensation Law.

Hours and Earnings

Method of Computing Averages.—Average hours computed by dividing total production worker hours worked during one week (the seven-day periods which include 12th of month) by number of production workers reported for such week. Average hourly earnings computed by dividing total production worker payroll for one week by total production worker hours for week. Average weekly earnings derived by multiplying average hourly earnings by average weekly hours.

Definitions.—Definitions of production or similar workers, payroll, and hours—from which average hours and earnings data are derived—follow:

Production Workers.—Includes working supervisors and all nonsupervisory workers (including group leaders and trainees) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping, maintenance, repair, janitorial and guard services, product development, auxiliary production for plant's own use (such as power plant), and record keeping and other services closely associated with production operations.

Nonsupervisory Workers.—Includes employees (not above working supervisory level) such as office and clerical workers, repairers, salespersons, operators, drivers, attendants, service employees, line installers, laborers, accountants, janitors, guards, and other employees whose services are closely associated with those of occupations listed.

Payroll.—Represents payroll for full- and part-time production, construction, or nonsupervisory workers who received pay for any part of pay periods which include 12th of month. Payroll is reported before deductions for social security, group insurance, withholding tax, bonds, and union dues; also includes pay for overtime, holidays, vacations, and sick leave paid directly by the firm. Bonuses (unless earned and paid regularly each pay period), tips, pay not earned in pay period reported (such as retroactive pay), and value of free rent, fuel, meals, or other payments in kind, excluded.

Hours.—Represents hours worked or paid for, during pay periods which include 12th of month, for production, construction, or nonsupervisory workers. Hours include time paid for holidays and vacations, and for sick leave when pay received directly from firm.

Labor Market Information Division
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Ohio Labor Market Information

BUREAU OF EMPLOYMENT SERVICES

JOB SERVICE OF OHIO

RICHARD F. CELESTE, *Governor*
DR. ROBERTA STEINBACHER, *Administrator*

EMPLOYMENT, HOURS, AND EARNINGS IN OHIO
SEPTEMBER 1984

Summary: Ohio's seasonally adjusted unemployment rate fell to 9.2 percent in September 1984, from 9.8 percent in August. Actual unemployment was 451,000, or 8.7 percent of the work force, down from 482,000 and 9.2 percent in August. Total employment declined .5 percent in September, to 4,708,000, although the nonagricultural wage and salary sector rose 1.3 percent, to 4,229,000. Much of the increase occurred in local and state government education as the new school year began. Other nonmanufacturing industries making noteworthy contributions to the overall increase are private schools and retail trade.

Factory Employment: Manufacturers in Ohio employed 1,127,000 workers in September, fractionally more than in the previous month. Increased production in nonelectrical machinery, fabricated metals, foods, and plastics products accounted for most of the net gain. Manufacturers of motor vehicles reported a downturn in employment in September, due largely to temporary layoffs for model changeovers.

Nonmanufacturing Employment: Ohio's nonmanufacturing establishments employed nearly 3,103,000 workers in September 1984, up 1.5 percent from August. The advance occurred with the return to work of nonteaching school personnel in private as well as public schools and colleges. Increases in department stores and food stores boosted employment in retail trade.

Factory Hours and Earnings: Average weekly earnings of Ohio factory production workers rose $9.52 above the August level, to $464.88 in September. The workweek averaged 42.3 hours, up .6 hours from August. In durable goods, producers of motor vehicles, nonelectrical machinery and primary metals contributed substantially to the changes in both hours and earnings, as employers reported increased overtime hours at premium pay.

Over the Year: Ohio's unemployment rate (seasonally unadjusted) declined to 8.7 percent of the civilian labor force in September 1984, down from 11.1 percent in September 1983. The number of unemployed workers dropped by 116,000 during the period. Total employment advanced 3.7 percent, while nonagricultural wage and salary employment gained 1.7 percent. Growth in services, especially health and business services, accounted for more than half of the gain in nonmanufacturing. Substantial growth was also recorded in retail trade. Manufacturing employment rose 32,000 over the year, with the greatest improvements reported in the production of fabricated metals, nonelectrical machinery, transportation equipment, and rubber and miscellaneous plastics products. Weekly earnings for Ohio factory production workers rose $16.94 over the year. Their average workweek was extended by .2 hours.

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Labor Market Information Division, BUREAU OF EMPLOYMENT SERVICES, COLUMBUS 43216

EMPLOYMENT, HOURS, AND EARNINGS IN MAJOR METROPOLITAN AREAS

Akron. --Nonagricultural wage and salary employment in Akron rose 5,600 from August, to 255,800 in September. Most of the gain occurred in nonmanufacturing, with seasonal increases in state and local government education overshadowing declines in services. Completion of retooling for production of auto parts helped raise manufacturing employment 600, to 68,000. Factory production workers earned $10.82 per hour in September, unchanged from August. Their average workweek, at 43.2 hours, was fractionally lower.

Canton. --Nonfarm payroll establishments in Canton employed 149,300 in September, up 1,300 from August. Increases in public school employment, retail trade, and services accounted for much of the rise. Scattered gains boosted factory employment 300, to 46,000. Production workers in manufacturing worked an average of 40.5 hours per week, up .4 hours from August. They grossed $10.76 per hour, down 4¢.

Cincinnati. --Cincinnati's nonagricultural wage and salary employment, at 590,900 in September, was up 2,700 from August despite a sizable loss in manufacturing. Seasonal increases in local government education and retail trade raised nonmanufacturing employment by 5,000. Cutbacks in motor vehicles and equipment for retooling were primarily responsible for lowering manufacturing employment 2,700, to 143,300. Manufacturing production workers averaged $10.53 per hour for a workweek of 42.4 hours in September, down 4¢ and up .7 hours respectively, from August.

Cleveland. --Nonagricultural payroll employment in Cleveland increased 2,200 from August, to 833,600 in September. In nonmanufacturing industries, gains in local government education, services, and retail trade were somewhat negated by a large drop in nonschool local government employment. Increases in motor vehicles and equipment, metal forgings and stampings, and nonelectrical machinery raised manufacturing employment 1,300, to 210,200. Factory production workers increased their average hourly earnings 10¢ in September, to $10.91. Their workweek of 41.9 hours was .4 hours above the August level.

Columbus. --Nonfarm wage and salary employment in Columbus, at 518,400 in September, was up 4,600 from August. Seasonal gains in public and private schools and colleges accounted for most of the increase. Scattered increases in durable-goods industries raised manufacturing employment 600, to 89,400. Manufacturing production workers earned $10.39 per hour in September, up 10¢ from August. Their average workweek of 40.8 hours was little changed.

Dayton. --September nonagricultural wage and salary employment in Dayton increased 6,500 from August, to 350,100. Most of the gain occurred in nonmanufacturing industries due chiefly to seasonal upturns in local government education, private schools, and retail trade. Increases in nonelectrical machinery, transportation equipment, and rubber and miscellaneous plastics products helped raise manufacturing employment 1,100, to 92,700. Production workers in factories grossed $11.22 per hour in September, up 4¢ from August. They had an average workweek of 43.0 hours, up .5 hours.

Toledo. --Nonagricultural establishments in Toledo employed 295,500 in September, up 7,800 from August. An increase in construction, along with seasonal increases in state and local government education, accounted for much of the growth. Gains in nondurable goods, especially in food processing and rubber and plastics products, boosted manufacturing employment 1,400 in September, to 77,100. The average hourly earnings of manufacturing production workers increased 9¢ from August, to $11.75. The average workweek, at 43.9 hours, was up .6 hours.

Youngstown-Warren. --Nonfarm payroll employment in Youngstown-Warren increased 3,800 from August, to 184,400 in September. Seasonal gains in local government schools and in services were largely responsible for the increase. Manufacturing employment was up 700, to 55,200, due to increased employment in primary metal industries. Factory production workers averaged $12.88 per hour in September, up 21¢. Their average workweek was up 1.4 hours, to 43.7 hours.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 10-23-84

EMPLOYMENT IN MAJOR METROPOLITAN AREAS[a]

Year and Month	Akron[b]	Canton[c]	Cincinnati[d]	Cleveland[e]	Columbus[f]	Dayton[g]	Toledo[h]	Youngstown-Warren[j]
	NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT (in thousands)							
1973	255.1	147.9	534.5	865.2	451.0	335.6	285.8	211.6
1974	259.0	152.1	542.2	879.2	457.6	334.9	285.6	213.5
1975	248.4	145.0	531.2	850.6	445.4	321.4	275.5	200.7
1976	247.3	145.9	541.9	860.0	456.1	331.5	282.6	203.5
1977	259.3	149.8	562.1	880.9	471.6	343.1	292.1	208.0
1978	266.6	156.1	591.2	905.8	493.8	358.5	302.1	210.3
1979	270.9	160.7	607.4	919.8	507.3	364.9	306.0	212.9
1980	262.4	157.1	600.6	895.6	504.8	355.7	293.1	203.1
1981	259.6	156.6	592.2	880.7	506.6	352.5	290.9	198.7
1982	248.8	148.6	575.3	844.6	495.1	336.3	281.9	180.6
1983	245.0	143.6	573.7	826.0	500.0	335.4	281.0	177.6
1983								
September	251.3	146.1	580.8	834.9	504.9	340.7	287.3	182.3
October .	250.3	145.9	584.0	835.5	512.6	342.1	289.6	181.3
November.	251.4	146.7	585.5	835.7	514.7	343.9	291.1	182.0
December.	250.9	146.7	583.8	837.9	515.7	344.3	291.1	182.0
1984								
January .	243.2	143.3	573.1	819.0	503.8	339.3	284.3	178.4
February.	245.4	143.8	572.2	817.5	505.9	339.8	286.4	178.4
March ...	246.4	145.0	576.7	821.2	509.1	341.2	288.2	179.0
April ...	249.7	146.8	584.2	825.8	514.0	343.8	291.5	181.0
May	253.2	147.8	590.0	831.1	516.7	344.5	294.3	183.1
June	249.9	148.6	595.5	838.6	523.5	346.4	291.3	182.7
July	250.6	147.9	588.4	834.0	512.2	342.9	287.4	181.7
August ..	250.2	148.0	588.2	831.4	513.8	343.6	287.7	180.5
September	255.8	149.3	591.0	833.6	518.4	350.1	295.5	184.4
	MANUFACTURING EMPLOYMENT (in thousands)							
1973	94.0	61.7	165.5	288.1	106.0	117.7	93.4	93.0
1974	94.2	62.2	166.6	287.1	104.3	113.1	89.8	92.0
1975	84.5	55.3	153.9	260.3	93.1	100.1	80.7	80.8
1976	80.3	54.8	155.6	265.1	94.2	104.0	84.8	80.6
1977	85.6	56.0	161.1	270.8	98.9	109.2	88.2	81.1
1978	85.9	57.1	169.2	275.6	101.2	112.0	90.5	77.4
1979	85.6	59.1	173.1	276.3	101.1	109.5	88.6	73.9
1980	79.1	55.7	162.4	254.9	96.8	99.4	75.4	70.8
1981	75.7	54.8	157.3	246.8	93.1	97.8	74.6	67.3
1982	68.3	47.6	146.3	223.0	85.9	87.6	69.0	52.9
1983	65.1	43.6	140.7	207.6	84.0	86.2	69.1	53.0
1983								
September	66.0	44.6	141.4	209.9	85.3	88.6	72.7	55.2
October .	66.1	44.2	144.2	210.9	86.6	88.7	73.2	54.9
November.	66.4	44.8	144.8	211.6	86.8	89.8	73.9	55.2
December.	66.2	44.9	141.7	212.1	86.2	90.2	74.0	55.6
1984								
January .	66.1	44.7	143.2	211.6	86.2	90.4	74.6	55.8
February.	66.5	44.9	143.3	211.2	87.0	90.9	75.5	55.6
March ...	66.7	45.5	144.1	211.6	87.0	91.1	75.7	55.4
April ...	67.0	45.4	144.6	210.6	87.4	91.4	75.8	55.8
May	67.5	45.3	145.0	210.9	87.2	91.2	75.7	55.8
June	67.9	45.3	145.9	211.6	88.4	91.4	75.5	55.6
July	67.8	45.4	145.6	209.4	88.3	91.3	75.0	55.6
August ..	67.4	45.7	146.0	208.9	88.7	91.6	75.7	54.5
September	68.0	46.0	143.3	210.2	89.4	92.7	77.1	55.2

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. [b] Akron includes Portage and Summit Counties. [c] Canton includes Carroll and Stark Counties. [d] Cincinnati includes Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. [e] Cleveland includes Cuyahoga, Geauga, Lake, and Medina Counties. [f] Columbus includes Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. [g] Dayton includes Greene, Miami, Montgomery, and Preble Counties. [h] Toledo includes Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. [j] Youngstown-Warren includes Mahoning and Trumbull Counties.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

MANUFACTURING PRODUCTION WORKERS AND AVERAGE WEEKLY HOURS IN MAJOR METROPOLITAN AREAS[a]

Year and Month	Akron[b]	Canton[c]	Cincinnati[d]	Cleveland[e]	Columbus[f]	Dayton[g]	Toledo[h]	Youngstown-Warren[j]
	MANUFACTURING PRODUCTION WORKERS (in thousands)							
1973	55.5	46.3	115.2	200.4	74.1	85.0	66.5	75.6
1974	56.1	46.9	115.3	199.5	71.2	79.5	63.1	74.2
1975	48.4	40.5	106.3	176.0	64.2	70.9	55.1	63.3
1976	44.5	40.4	107.8	180.9	65.4	73.4	59.3	63.3
1977	49.2	41.1	110.7	184.0	68.6	75.7	62.8	63.6
1978	49.4	42.2	116.4	188.0	70.1	77.5	64.1	62.5
1979	53.8	43.2	117.0	188.6	69.1	74.4	61.7	62.5
1980	47.5	40.1	106.6	169.2	64.6	65.5	49.6	54.1
1981	43.7	39.6	103.5	161.8	61.3	64.4	49.2	50.8
1982	36.9	33.3	95.5	141.8	55.1	55.6	45.2	38.1
1983	35.6	30.8	92.2	132.1	54.2	54.9	47.2	39.3
1983								
September	36.4	31.6	93.1	134.8	55.5	57.0	50.9	41.7
October .	36.5	31.4	95.9	135.8	56.7	57.4	51.6	41.5
November.	37.0	31.9	96.8	136.7	56.8	58.3	52.5	41.8
December.	36.8	32.1	93.8	137.0	56.6	58.7	52.7	42.2
1984								
January .	36.8	31.7	95.4	136.5	56.8	58.8	53.3	42.3
February.	37.1	31.8	95.5	136.3	57.4	59.3	54.2	42.2
March ...	37.1	32.4	96.3	136.7	57.3	59.3	54.4	42,1
April ...	37.4	32.4	96.5	135.6	57.7	59.7	54.6	42.4
May	37.7	32.3	96.5	135.7	57.5	59.4	54.5	42.4
June	37.8	32.3	97.3	136.3	58.6	59.5	54.3	42.2
July	37.6	32.3	96.6	134.2	58.3	59.0	53.7	42.2
August ..	37.3	32.7	97.5	133.6	58.8	59.2	54.2	41.2
September	38.0	33.0	94.8	135.4	59.4	60.3	55.7	42.0
	MANUFACTURING PRODUCTION WORKERS' AVERAGE WEEKLY HOURS							
1973	43.0	41.0	42.2	43.2	40.8	43.3	43.1	42.9
1974	42.3	40.1	41.4	42.1	39.7	41.0	41.2	40.7
1975	41.1	39.4	40.8	40.4	39.6	41.3	40.4	38.6
1976	42.1	39.6	41.1	41.9	40.1	43.2	41.5	39.5
1977	42.3	39.7	41.6	42.8	40.3	43.5	42.7	40.4
1978	42.3	40.3	42.1	42.9	40.4	42.8	42.4	41.4
1979	41.6	40.9	41.5	42.2	40.1	42.1	40.9	40.7
1980	41.5	39.0	41.2	40.6	39.5	41.5	40.6	39.9
1981	41.8	40.0	41.1	41.1	40.0	41.4	40.9	40.8
1982	41.0	38.6	40.5	39.9	39.8	40.0	41.1	39.3
1983	43.1	39.6	41.1	40.9	40.7	41.9	42.9	42.1
1983								
September	43.5	40.8	41.3	41.7	40.8	43.0	43.9	42.4
October ..	43.2	40.2	41.3	41.5	41.0	42.7	43.9	43.9
November.	44.0	40.7	42.0	41.8	41.6	42.8	44.5	43.6
December.	45.5	40.8	42.4	42.3	42.3	43.9	44.5	43.2
1984								
January .	43.9	40.4	41.7	41.9	41.2	43.2	43.1	44.7
February.	43.9	41.0	41.5	42.2	40.4	42.8	43.5	43.8
March ...	43.7	40.8	41.8	42.3	40.4	42.8	43.8	44.9
April ...	43.8	40.5	42.1	42.3	40.5	43.0	43.7	43.5
May	43.4	40.6	41.6	42.0	40.5	42.3	43.7	43.3
June	43.8	40.3	41.6	42.0	40.7	42.3	43.3	42.9
July	43.3	40.6	41.1	41.1	40.6	42.9	43.0	44.2
August ..	43.3	40.1	41.7	41.5	40.9	40.5	43.3	42.3
September	43.2	40.5	42.4	41.9	40.8	43.0	43.9	43.7

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. [b] Akron includes Portage and Summit Counties. [c] Canton includes Carroll and Stark Counties. [d] Cincinnati includes Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. [e] Cleveland includes Cuyahoga, Geauga, Lake, and Medina Counties. [f] Columbus includes Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. [g] Dayton includes Greene, Miami, Montgomery, and Preble Counties. [h] Toledo includes Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. [j] Youngstown-Warren includes Mahoning and Trumbull Counties. [k] Not comparable to prior data due to change in sample composition.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

EARNINGS IN MAJOR METROPOLITAN AREAS[a]

Year and Month	Akron[b]	Canton[c]	Cincinnati[d]	Cleveland[e]	Columbus[f]	Dayton[g]	Toledo[h]	Youngstown-Warren[j]
	MANUFACTURING PRODUCTION WORKERS' AVERAGE HOURLY EARNINGS							
1973	$ 4.99	$ 4.80	$ 4.44	$ 4.83	$ 4.36	$ 5.00	$ 5.01	$ 5.29
1974	5.28	5.24	4.82	5.21	4.73	5.29	5.39	5.80
1975	5.66	5.64	5.19	5.63	5.18	5.73	5.80	6.39
1976	6.02	6.18	5.65	6.22	5.64	6.28	6.32	7.02
1977	6.75	6.88	6.27	6.84	6.08	6.92	7.00	7.76
1978	7.19	7.56	6.81	7.50	6.55	7.38	7.53	8.54
1979	7.73	8.09	7.31	8.00	7.05	8.00	8.14	9.27
1980	8.72	8.79	8.06	8.63	7.73	8.65	8.90	10.27
1981	9.50	9.76	8.78	9.62	8.67	9.61	9.93	11.62
1982	9.83	10.22	9.57	10.10	9.31	10.02	10.89	11.72
1983	10.49	10.66	10.11	10.45	9.97	10.61	11.28	12.38
1983								
September	10.61	10.84	10.10	10.57	10.06	10.80	11.40	12.40
October .	10.82	10.78	10.23	10.55	10.11	10.86	11.43	12.58
November.	10.85	10.84	10.34	10.62	10.14	10.91	11.57	12.54
December.	11.01	10.88	10.29	10.68	10.35	11.11	11.57	12.68
1984								
January .	10.77	10.85	10.39	10.70	10.33	11.07	11.42	12.89
February.	10.75	10.91	10.37	10.76	10.23	11.04	11.48	12.66
March ...	10.79	10.89	10.45	10.81	10.20	11.12	11.58	13.09
April ...	10.76	10.90	10.58	10.82	10.22	11.12	11.58	12.88
May	10.82	11.04	10.50	10.83	10.30	11.03	11.57	12.86
June	10.87	10.99	10.51	10.82	10.26	11.09	11.66	12.85
July	10.73	10.88	10.48	10.68	10.21	11.23	11.59	13.09
August ..	10.82	10.80	10.57	10.81	10.29	11.18	11.66	12.67
September	10.82	10.76	10.53	10.91	10.39	11.22	11.75	12.88
	MANUFACTURING PRODUCTION WORKERS' AVERAGE WEEKLY EARNINGS							
1973	$214.57	$196.80	$187.37	$208.66	$177.89	$216.50	$215.93	$226.94
1974	223.34	210.12	199.55	219.34	187.78	216.89	222.07	236.06
1975	232.63	222.22	211.75	227.45	205.13	236.65	234.32	246.65
1976	253.44	244.73	232.22	260.62	226.16	271.30	262.28	277.29
1977	285.53	273.14	260.83	292.75	245.02	301.02	298.90	313.50
1978	304.14	304.67	286.70	321.75	264.62	315.86	319.27	353.56
1979	321.57	330.88	303.37	337.60	28[illegible].71	336.80	332.93	377.29
1980	361.88	342.81	332.07	350.38	305.34	358.98	361.34	409.77
1981	397.10	390.40	360.86	395.38	346.80	397.85	406.14	474.10
1982	403.03	394.49	387.59	402.99	370.54	400.80	447.58	460.60
1983	452.12	422.14	415.52	427.41	405.78	444.56	483.91	521.20
1983								
September	461.54	442.27	417.13	440.77	410.45	464.40	500.46	525.76
October .	467.42	433.36	422.50	437.83	414.51	463.72	501.78	552.26
November.	477.40	441.19	434.28	443.92	421.82	466.95	514.87	546.74
December.	500.96	443.90	436.30	451.76	437.81	487.73	514.87	547.78
1984								
January .	472.80	438.34	433.26	448.33	425.60	478.22	492.20	576.18
February.	471.93	447.31	430.36	454.07	413.29	472.51	499.38	554.51
March ...	471.52	444.31	436.81	457.26	412.08	475.94	507.20	587.74
April ...	471.29	441.45	445.42	457.69	413.91	478.16	506.05	560.28
May	469.59	448.22	436.80	454.86	417.15	466.57	505.61	556.84
June	476.11	442.90	437.22	454.44	417.58	469.11	504.88	551.27
July	464.61	441.73	430.73	438.95	414.53	481.77	498.37	578.58
August ..	468.51	433.08	440.77	448.62	420.86	475.15	504.88	535.94
September	467.42	435.78	446.47	457.13	423.91	482.46	515.83	562.86

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. [b] Akron includes Portage and Summit Counties. [c] Canton includes Carroll and Stark Counties. [d] Cincinnati includes Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. [e] Cleveland includes Cuyahoga, Geauga, Lake, and Medina Counties. [f] Columbus includes Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. [g] Dayton includes Greene, Miami, Montgomery, and Preble Counties. [h] Toledo includes Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. [j] Youngstown-Warren includes Mahoning and Trumbull Counties.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

CIVILIAN LABOR FORCE ESTIMATES FOR MAJOR METROPOLITAN AREAS[a]

(In thousands)

Year and Month	Civilian Labor Force	Total Employed	Unemployed		Year and Month	Civilian Labor Force	Total Employed	Unemployed	
			Total Unemployed	Unemployment Rate				Total Unemployed	Unemployment Rate
AKRON[b]					CANTON[c]				
1973	287.1	274.9	12.2	4.3	1973	171.2	163.1	8.1	4.7
1974	290.8	277.7	13.0	4.5	1974	175.6	167.5	8.1	4.6
1975	292.0	264.3	27.7	9.5	1975	174.7	158.0	16.7	9.6
1976	291.3	266.3	25.0	8.6	1976	174.4	158.6	15.8	9.1
1977	294.2	274.7	19.5	6.6	1977	175.9	163.1	12.9	7.3
1978	298.9	282.2	16.7	5.6	1978	179.9	170.0	9.9	5.5
1979	303.8	285.4	18.4	6.1	1979	184.3	173.7	10.6	5.7
1980	304.5	278.3	26.2	8.6	1980	187.7	170.9	16.8	8.9
1981	304.1	274.9	29.1	9.6	1981	188.4	170.1	18.2	9.7
1982	303.9	268.0	35.9	11.8	1982	191.4	164.3	27.0	14.1
1983	304.4	267.0	37.4	12.3	1983	188.4	160.7	27.6	14.7
1983					1983				
August	309.1	276.9	32.2	10.4	August	191.0	167.0	24.0	12.6
September ..	305.1	271.4	33.7	11.1	September .	186.6	162.2	24.3	13.0
October	308.4	274.5	33.8	11.0	October ...	189.2	164.6	24.6	13.0
November ...	309.7	274.2	35.5	11.5	November ..	189.5	164.4	25.1	13.2
December ...	304.9	270.4	34.6	11.3	December ..	186.0	162.4	23.6	12.7
1984					1984				
January	297.5	264.3	33.2	11.2	January ...	182.3	159.8	22.5	12.3
February ...	298.6	263.8	34.8	11.6	February ..	180.7	158.9	21.9	12.1
March	297.9	262.4	35.5	11.9	March	181.7	158.7	23.0	12.6
April	300.3	268.4	31.9	10.6	April	182.6	162.1	20.5	11.2
May	305.5	274.5	31.1	10.2	May	185.6	164.8	20.9	11.2
June	306.9	277.9	29.0	9.5	June	188.1	169.2	18.9	10.1
July	315.7	288.9	26.9	8.5	July	191.7	174.4	17.2	9.0
August[p]	311.6	281.8	29.8	9.6	August[p] ...	189.3	170.7	18.6	9.8
CINCINNATI[d]					CLEVELAND[e]				
1973	572.0	543.0	29.0	5.1	1973	883.9	849.0	34.9	3.9
1974	595.3	569.8	25.5	4.3	1974	899.1	861.4	37.7	4.2
1975	595.3	551.6	43.6	7.3	1975	896.9	826.3	70.6	7.9
1976	604.8	566.6	38.2	6.3	1976	897.7	834.4	63.3	7.0
1977	623.4	588.7	34.7	5.6	1977	908.5	854.4	54.0	5.9
1978	648.3	615.8	32.5	5.0	1978	921.7	878.5	43.2	4.7
1979	663.4	628.1	35.3	5.3	1979	935.8	889.1	46.7	5.0
1980	676.2	628.6	47.5	7.0	1980	937.1	869.1	68.0	7.3
1981	678.5	619.3	59.1	8.7	1981	933.9	854.0	79.8	8.5
1982	682.0	610.4	71.6	10.5	1982	933.4	833.2	100.2	10.7
1983	686.5	615.4	71.1	10.4	1983	930.7	824.7	105.9	11.4
1983					1983				
August	696.4	632.8	63.6	9.1	August	955.0	857.0	98.0	10.3
September ..	685.5	619.2	66.4	9.7	September .	925.8	826.4	99.4	10.7
October	691.5	630.0	61.5	8.9	October ...	936.6	840.1	96.6	10.3
November ...	693.2	629.0	64.2	9.3	November ..	935.3	836.6	98.7	10.6
December ...	684.3	622.5	61.9	9.0	December ..	917.5	828.3	89.3	9.7
1984					1984				
January	679.0	616.0	62.9	9.3	January ...	899.5	815.9	83.7	9.3
February ...	670.2	611.3	58.9	8.8	February ..	887.4	806.6	80.8	9.1
March	672.1	612.2	59.9	8.9	March	890.2	802.3	87.9	9.9
April	683.0	624.9	58.1	8.5	April	896.6	813.7	83.0	9.3
May	695.0	635.0	60.0	8.6	May	913.9	825.6	88.3	9.7
June	709.9	651.7	58.2	8.2	June	932.7	850.5	82.2	8.8
July	718.1	661.6	56.4	7.9	July	955.0	876.6	78.4	8.2
August[p]	708.3	649.6	58.7	8.3	August[p] ...	937.7	853.6	84.2	9.0

[a] Estimated in cooperation with U.S. Department of Labor. Data not seasonally adjusted. Subtotals may not add to totals due to rounding. Rates computed from unrounded figures. [b] Defined as Portage and Summit Counties. [c] Defined as Carroll and Stark Counties. [d] Defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; and Boone, Campbell, and Kenton Counties, Kentucky. [e] Defined as Cuyahoga, Geauga, Lake, and Medina Counties. [p] Preliminary.

CIVILIAN LABOR FORCE ESTIMATES FOR MAJOR METROPOLITAN AREAS[a]

(In thousands)

Year and Month	Civilian Labor Force	Total Employed	Unemployed		Year and Month	Civilian Labor Force	Total Employed	Unemployed	
			Total Unemployed	Unemployment Rate				Total Unemployed	Unemployment Rate
COLUMBUS[f]					DAYTON[g]				
1973	485.5	468.3	17.1	3.5	1973	358.0	343.5	14.5	4.1
1974	495.4	475.5	19.9	4.0	1974	359.5	342.5	17.0	4.7
1975	495.0	458.6	36.5	7.4	1975	357.6	327.7	29.9	8.4
1976	503.6	468.5	35.1	7.0	1976	360.5	336.3	24.2	6.7
1977	513.4	483.3	30.1	5.9	1977	368.6	348.3	20.3	5.5
1978	531.4	506.5	24.9	4.7	1978	381.1	363.7	17.3	4.6
1979	543.0	517.1	25.8	4.8	1979	392.2	367.9	24.2	6.2
1980	554.7	523.4	31.4	5.7	1980	390.2	361.0	29.2	7.5
1981	562.4	519.1	43.3	7.7	1981	390.8	357.9	32.8	8.4
1982	567.4	516.4	51.0	9.0	1982	391.8	347.1	44.7	11.4
1983	579.1	527.4	51.7	8.9	1983	390.6	350.7	39.9	10.2
1983					1983				
August	591.8	544.6	47.2	8.0	August	396.5	359.4	37.1	9.3
September	577.9	528.9	49.0	8.5	September	389.5	353.7	35.7	9.2
October	594.3	545.1	49.2	8.3	October	395.4	360.8	34.7	8.8
November	594.7	544.2	50.2	8.5	November	396.8	360.3	36.5	9.2
December	585.3	537.9	47.4	8.1	December	388.0	355.5	32.5	8.4
1984					1984				
January	575.1	529.6	45.4	7.9	January	385.5	353.0	32.5	8.4
February	570.0	526.7	43.2	7.6	February	383.7	350.3	33.4	8.7
March	571.3	525.2	46.0	8.1	March	383.4	348.5	34.9	9.1
April	580.3	535.2	45.1	7.8	April	387.1	354.5	32.6	8.4
May	590.4	543.9	46.5	7.9	May	391.4	358.8	32.6	8.3
June	605.6	561.9	43.7	7.2	June	398.7	368.1	30.6	7.7
July	612.4	570.5	41.9	6.8	July	406.3	377.7	28.7	7.1
August[p]	600.7	557.6	43.0	7.2	August[p]	399.1	368.9	30.3	7.6
TOLEDO[h]					YOUNGSTOWN-WARREN[i]				
1973	339.8	324.2	15.6	4.6	1973	232.5	221.8	10.8	4.6
1974	343.8	324.2	19.7	5.7	1974	236.7	223.7	13.0	5.5
1975	344.8	310.2	34.6	10.0	1975	236.7	209.8	26.9	11.4
1976	347.8	319.4	28.4	8.2	1976	234.2	210.5	23.7	10.1
1977	355.0	329.4	25.6	7.2	1977	234.0	215.0	19.0	8.1
1978	362.1	339.7	22.4	6.2	1978	235.2	217.5	17.7	7.5
1979	368.2	341.7	26.4	7.2	1979	237.1	219.9	17.1	7.2
1980	368.2	329.8	38.4	10.4	1980	238.9	210.5	28.4	11.9
1981	367.4	328.0	39.4	10.7	1981	234.0	205.7	28.2	12.1
1982	368.7	322.7	46.1	12.5	1982	237.0	190.3	46.6	19.7
1983	374.2	326.9	47.2	12.6	1983	227.3	189.6	37.8	16.6
1983					1983				
August	379.2	335.1	44.1	11.6	August	232.6	196.2	36.4	15.6
September	374.8	331.9	42.9	11.5	September	226.7	193.1	33.6	14.8
October	380.0	338.3	41.7	11.0	October	227.0	195.5	31.5	13.9
November	381.3	337.5	43.8	11.5	November	227.9	195.2	32.7	14.4
December	372.5	331.9	40.5	10.9	December	222.4	192.2	30.2	13.6
1984					1984				
January	366.1	327.4	38.6	10.6	January	218.3	189.7	28.6	13.1
February	365.7	327.7	38.0	10.4	February	214.6	188.2	26.4	12.3
March	367.3	327.8	39.5	10.8	March	215.3	186.8	28.5	13.2
April	371.8	335.7	36.1	9.7	April	216.3	190.5	25.8	11.9
May	378.2	342.1	36.1	9.5	May	220.3	194.4	25.9	11.8
June	384.7	345.8	38.9	10.1	June	222.0	198.2	23.8	10.7
July	390.3	352.1	38.2	9.8	July	226.9	204.3	22.6	9.9
August	INA	INA	INA	INA	August[p]	226.7	198.8	27.8	12.3

[a] Estimated in cooperation with U.S. Department of Labor. Data not seasonally adjusted. Subtotals may not add to totals due to rounding. Rates computed from unrounded figures. [f] Defined as Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. [g] Defined as Greene, Miami, Montgomery, and Preble Counties. [h] Defined as Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. [i] Defined as Mahoning and Trumbull Counties. [p] Preliminary. INA—Information not available.

CIVILIAN LABOR FORCE ESTIMATES[a]
(not seasonally adjusted)

Year and Month	OHIO (in thousands)			Unemployment Rate	
	Civilian Labor Force	Total Employed	Total Unemployed	OHIO	U.S.
1973	4,621	4,423	198	4.3	4.9
1974	4,708	4,483	225	4.8	5.6
1975	4,721	4,292	429	9.1	8.5
1976	4,749	4,378	370	7.8	7.7
1977	4,830	4,518	312	6.5	7.1
1978	4,956	4,688	268	5.4	6.1
1979	5,056	4,758	298	5.9	5.8
1980	5,088	4,661	427	8.4	7.1
1981	5,098	4,606	492	9.6	7.6
1982	5,114	4,474	640	12.5	9.7
1983	5,110	4,488	622	12.2	9.6
1983					
September	5,108	4,541	567	11.1	8.8
October .	5,159	4,611	548	10.6	8.4
November.	5,146	4,582	564	11.0	8.1
December.	5,040	4,513	528	10.5	8.0
1984					
January .	4,964	4,452	512	10.3	8.8
February.	4,925	4,426	499	10.1	8.4
March ...	4,940	4,415	525	10.6	8.1
April ...	4,996	4,506	489	9.8	7.6
May	5,086	4,593	493	9.7	7.2
June	5,183	4,715	469	9.0	7.4
July	5,292	4,845	447	8.4	7.5
August ..	5,215	4,733	482	9.2	7.3
September	5,159	4,708	451	8.7	7.1

OHIO NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT[a]
(in thousands)

Year and Month	Total Nonagricultural	Manufacturing	Nonmanufacturing
1973	4,112.9	1,426.3	2,686.5
1974	4,169.4	1,416.6	2,752.8
1975	4,016.2	1,267.5	2,748.7
1976	4,094.5	1,295.3	2,799.3
1977	4,230.1	1,344.1	2,885.9
1978	4,394.8	1,377.2	3,017.6
1979	4,484.7	1,382.3	3,102.5
1980	4,367.4	1,264.3	3,103.0
1981	4,317.6	1,232.6	3,085.1
1982	4,124.2	1,099.9	3,024.4
1983	4,083.8	1,066.9	3,017.0
1983			
September	4,157.0	1,094.3	3,062.7
October .	4,170.0	1,099.1	3,070.9
November.	4,177.5	1,104.4	3,073.1
December.	4,176.1	1,101.9	3,074.2
1984			
January .	4,083.3	1,101.0	2,982.3
February.	4,095.2	1,108.2	2,987.0
March ...	4,120.3	1,113.2	3,007.1
April ...	4,162.8	1,114.7	3,048.1
May	4,200.0	1,117.7	3,082.3
June	4,220.4	1,121.5	3,098.9
July	4,174.9	1,117.1	3,057.9
August ..	4,176.3	1,120.1	3,056.2
September	4,229.3	1,126.5	3,102.7

OHIO NONMANUFACTURING WAGE AND SALARY EMPLOYMENT[a] (in thousands)

Year and Month	Mining	Construction	Transportation and Utilities	Wholesale Trade	Retail Trade	Finance, Insurance, Real Estate	Services	Government
1973	22.9	175.5	224.9	197.7	654.9	169.0	643.9	597.8
1974	24.2	172.3	227.8	205.7	668.1	171.9	669.7	613.1
1975	26.8	154.9	213.2	203.5	664.5	173.1	686.3	626.4
1976	28.2	154.2	213.7	208.4	682.4	177.0	703.2	632.2
1977	29.1	162.8	219.1	214.6	703.1	183.4	731.4	642.3
1978	29.0	176.6	225.0	226.0	730.4	191.1	772.1	667.5
1979	31.6	182.9	232.1	232.8	742.4	200.6	806.2	674.0
1980	30.7	167.4	223.1	230.6	726.6	203.8	830.9	689.9
1981	30.7	153.7	217.2	232.5	717.7	205.8	851.5	676.0
1982	30.3	134.6	206.8	226.0	703.4	206.4	857.3	659.6
1983	26.6	128.6	197.3	219.6	703.3	209.6	874.6	657.5
1983								
September	27.5	144.6	201.0	221.2	714.8	211.8	891.3	650.4
October .	27.5	145.0	200.7	221.5	709.6	211.5	888.8	666.3
November.	27.4	140.9	199.6	221.1	717.8	211.5	884.2	670.6
December.	27.1	130.9	200.2	221.3	730.4	212.1	880.7	671.5
1984								
January .	27.0	115.0	193.1	218.3	693.6	210.8	868.3	656.3
February.	26.7	111.8	193.1	217.9	682.4	210.3	875.0	669.9
March ...	27.2	114.5	193.8	218.9	688.6	210.7	882.2	671.2
April ...	27.4	123.6	196.0	220.2	704.1	211.8	894.4	670.5
May	27.9	131.5	198.4	221.6	715.4	212.6	902.3	672.7
June	28.2	138.8	200.1	223.2	721.9	214.8	912.1	659.8
July	28.3	144.0	200.1	223.6	718.6	215.6	906.4	621.2
August ..	28.1	145.0	200.7	223.6	720.4	215.7	905.5	617.2
September	28.1	145.0	201.1	224.1	723.3	215.0	911.8	654.3

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[a] Estimated in cooperation with U.S. Department of Labor. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates and averages computed from unrounded figures. All data exclude military personnel.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

EMPLOYMENT, HOURS, AND EARNINGS IN MANUFACTURING IN OHIO[a]

Year and Month	Manufacturing Employment (in thousands)			Production Workers in Manufacturing		
	All Manufacturing	Durable Goods	Nondurable Goods	Production Workers (in thousands)	Aggregate Weekly Payroll (in millions)	Aggregate Weekly Hours (in millions)
1973	1,426.3	1,018.2	408.1	1,046.7	$210.8	44.3
1974	1,416.6	1,013.1	403.5	1,028.7	217.4	42.4
1975	1,267.5	892.4	375.1	897.8	201.5	36.2
1976	1,295.3	910.6	384.6	926.1	233.9	38.2
1977	1,344.1	945.2	398.9	958.0	271.2	40.2
1978	1,377.2	974.5	402.7	985.5	302.5	41.5
1979	1,382.3	980.5	401.8	979.0	318.5	40.6
1980	1,264.3	882.6	381.8	867.8	301.9	35.2
1981	1,232.6	860.4	372.2	847.7	330.4	34.7
1982	1,099.9	752.4	347.5	735.7	297.1	29.5
1983	1,066.9	723.6	343.3	721.7	315.7	29.9
1983						
September	1,094.3	740.8	353.5	749.0	335.5	31.5
October .	1,099.1	748.1	351.0	755.4	340.1	31.7
November.	1,104.4	752.9	351.4	761.9	348.7	32.4
December.	1,101.9	749.8	352.0	760.2	352.4	32.5
1984						
January .	1,101.0	750.4	350.5	758.6	349.5	32.2
February.	1,108.2	756.9	351.3	765.6	351.5	32.5
March ...	1,113.2	760.9	352.4	769.9	357.3	32.7
April ...	1,114.7	762.0	352.7	771.7	359.1	32.8
May	1,117.7	764.2	353.5	773.5	355.6	32.6
June	1,121.5	766.1	355.4	776.0	356.7	32.7
July	1,117.1	763.4	353.7	770.5	350.2	32.1
August ..	1,120.1	763.3	356.8	773.7	352.3	32.3
September	1,126.5	766.5	360.0	780.9	363.0	33.0

Year and Month	Production Workers Average Weekly Earnings			Production Workers Average Weekly Hours			Production Workers Average Hourly Earnings		
	Manufacturing	Durable Goods	Nondurable Goods	Manufacturing	Durable Goods	Nondurable Goods	Manufacturing	Durable Goods	Nondurable Goods
1973	$201.35	$207.95	$185.89	42.3	42.7	41.4	$ 4.76	$ 4.87	$ 4.49
1974	211.36	216.94	196.17	41.2	41.4	40.7	5.13	5.24	4.82
1975	224.47	228.90	211.85	40.3	40.3	40.2	5.57	5.68	5.27
1976	252.54	258.75	235.00	41.2	41.4	41.3	6.10	6.25	5.69
1977	283.08	292.02	258.34	42.0	42.2	41.4	6.74	6.92	6.24
1978	306.91	316.83	279.30	42.1	42.3	41.5	7.29	7.49	6.73
1979	325.36	335.30	297.98	41.5	41.6	41.1	7.84	8.06	7.25
1980	347.94	358.57	319.99	40.6	40.7	40.2	8.57	8.81	7.96
1981	389.78	401.64	358.16	40.9	40.9	40.7	9.53	9.82	8.80
1982	403.81	414.80	378.95	40.1	40.0	40.4	10.07	10.37	9.38
1983	437.18	452.35	402.52	41.4	41.5	41.2	10.56	10.90	9.77
1983									
September	447.94	463.52	410.62	42.1	42.1	41.9	10.64	11.01	9.80
October .	450.24	468.68	408.78	42.0	42.3	41.5	10.72	11.08	9.85
November.	457.73	475.68	413.97	42.5	42.7	41.9	10.77	11.14	9.88
December.	463.52	483.15	419.05	42.8	43.1	42.2	10.83	11.21	9.93
1984									
January .	460.70	479.52	418.05	42.5	42.7	42.1	10.84	11.23	9.93
February.	459.19	478.67	414.24	42.4	42.7	41.8	10.83	11.21	9.91
March ...	464.10	484.50	417.32	42.5	42.8	41.9	10.92	11.32	9.96
April ...	465.38	483.79	420.26	42.5	42.7	41.9	10.95	11.33	10.03
May	459.73	477.99	413.17	42.1	42.3	41.4	10.92	11.30	9.98
June	459.73	478.41	414.59	42.1	42.3	41.5	10.92	11.31	9.99
July	454.53	472.63	412.00	41.7	41.9	41.2	10.90	11.28	10.00
August ..	455.36	474.60	412.82	41.7	42.0	41.2	10.92	11.30	10.02
September	464.88	483.65	421.10	42.3	42.5	41.9	10.99	11.38	10.05

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

EMPLOYMENT AND AVERAGE WEEKLY EARNINGS IN SELECTED MAJOR MANUFACTURING INDUSTRIES IN OHIO[a]

Year and Month	Stone, Clay and Glass Products	Primary Metal Industries	Fabricated Metal Products	Machinery, Except Electrical	Electric & Electronic Equipment	Transportation Equipment	Food and Kindred Products	Printing and Publishing	Rubber and Plastics Products
	EMPLOYMENT (in thousands)								
1973	73.3	173.3	175.2	219.9	134.1	167.2	76.4	67.7	109.8
1974	72.2	172.4	172.7	227.7	131.4	162.5	76.0	67.9	107.0
1975	65.0	151.5	150.9	207.7	112.3	140.8	73.5	64.8	94.8
1976	66.3	154.6	157.9	205.9	115.5	143.0	73.8	64.5	98.2
1977	67.1	157.7	166.5	210.7	120.9	151.8	74.4	65.4	107.4
1978	69.3	157.5	173.3	216.7	122.2	164.1	74.6	66.6	107.4
1979	69.7	158.9	175.5	223.6	117.6	165.8	74.4	67.6	106.7
1980	64.5	139.8	157.6	211.4	106.4	139.1	72.7	67.4	92.7
1981	61.0	138.3	154.9	204.2	101.9	136.9	69.2	66.1	89.0
1982	54.2	112.7	134.9	176.7	93.4	121.7	66.9	63.2	80.4
1983	52.7	104.5	130.9	153.1	90.2	131.6	64.5	62.3	82.4
1983									
September	54.8	107.4	134.6	154.8	91.5	134.8	69.5	62.6	85.6
October .	54.9	108.0	136.5	154.5	92.4	138.8	66.4	62.6	86.4
November.	55.0	109.8	137.8	155.3	92.4	139.9	65.2	62.8	87.4
December.	53.7	110.3	137.3	155.5	91.9	138.5	65.2	63.0	87.5
1984									
January .	52.9	110.6	137.7	156.6	91.8	138.4	64.5	62.8	87.9
February.	53.4	111.1	137.6	157.2	92.8	141.3	64.1	62.8	88.7
March ...	54.0	112.2	137.8	158.5	93.7	140.9	64.1	63.1	88.8
April ...	54.1	111.7	138.4	159.2	93.3	141.2	64.6	63.1	89.3
May	55.0	111.1	139.6	160.0	92.8	141.6	64.8	63.2	89.2
June	55.5	111.6	139.9	159.2	92.9	141.9	65.9	63.1	89.5
July	55.5	110.4	138.9	158.7	93.6	141.0	65.1	63.2	88.9
August ..	55.8	108.3	139.5	159.2	94.0	141.2	67.5	63.0	89.3
September	56.1	108.7	141.1	160.8	94.6	139.8	68.9	63.3	90.4
	AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS								
1973	$189.03	$228.72	$204.67	$208.80	$176.23	$241.01	$188.94	$203.06	$193.12
1974	194.21	246.03	213.62	219.05	184.61	244.91	204.89	211.14	199.92
1975	207.55	256.46	224.96	228.25	201.30	263.22	222.68	226.95	213.31
1976	232.40	294.58	256.68	253.31	221.54	302.89	242.92	252.20	237.30
1977	253.95	329.54	290.44	279.18	248.44	359.20	258.54	271.96	263.97
1978	274.81	366.24	307.23	306.16	268.45	389.66	281.15	285.18	282.73
1979	293.34	395.43	323.38	329.09	289.27	391.56	304.50	302.62	300.66
1980	315.43	422.01	349.34	352.77	316.31	414.83	329.85	320.92	323.61
1981	348.02	484.04	389.61	389.16	350.27	471.50	362.75	347.70	368.67
1982	376.88	480.54	398.77	392.63	366.56	506.99	386.04	358.45	381.11
1983	400.57	503.85	460.65	424.09	394.63	557.92	403.79	375.62	412.25
1983									
September	409.18	522.49	471.28	431.09	406.39	570.49	415.86	378.00	422.18
October .	412.17	514.18	479.45	436.31	408.04	581.79	396.89	384.94	425.87
November.	415.33	520.38	490.31	450.24	411.27	586.64	410.98	392.18	421.20
December.	421.16	525.79	505.52	463.54	415.17	588.60	420.30	393.97	422.61
1984									
January .	419.33	525.39	486.86	468.27	409.59	585.09	409.64	391.40	429.44
February.	417.08	540.99	485.57	468.07	420.51	565.46	411.04	391.30	423.36
March ...	417.49	538.90	482.08	467.18	416.66	602.94	416.79	386.45	425.97
April ...	420.93	540.58	486.06	468.93	420.21	593.18	424.27	388.22	424.45
May	416.90	537.63	477.70	462.87	420.24	582.56	416.75	384.29	415.16
June	423.26	540.18	473.76	462.01	412.70	591.40	425.00	380.00	418.28
July	419.98	530.01	462.45	459.43	412.70	587.80	418.47	379.33	413.14
August ..	422.24	528.30	458.16	455.28	419.43	599.86	417.78	379.71	414.26
September	422.89	538.88	464.94	465.86	425.80	624.26	429.34	390.39	418.58

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN OHIO[a]
SEPTEMBER 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	September 1984[b]	August 1984[c]	September 1983[c]	August 1984	September 1983
TOTAL	4229.3	4176.3	4157.0	1.3	1.7
MANUFACTURING	1126.5	1120.1	1094.3	.6	2.9
Durable Goods[e]	766.5	763.3	740.8	.4	3.5
Lumber and wood products	16.1	16.2	14.8	-.5	8.6
Furniture and fixtures	13.3	13.2	13.7	1.2	-2.8
Household furniture	5.7	5.5	6.3	2.6	-9.4
Stone, clay, and glass products	56.1	55.8	54.8	.5	2.5
Glass and glassware, pressed or blown	14.1	13.8	14.2	2.2	-.4
Structural clay products	5.0	5.0	4.9	-.7	.5
Pottery and related products	5.9	5.9	5.8	-.1	2.1
Primary metal industries	108.7	108.3	107.4	.4	1.2
Blast furnace and basic steel products	51.3	51.9	53.0	-1.1	-3.3
Iron and steel foundries	22.3	21.9	21.0	1.7	6.0
Nonferrous rolling and drawing	19.1	18.6	18.8	2.6	1.7
Nonferrous foundries	9.5	9.4	8.6	1.3	10.4
Fabricated metal products	141.1	139.5	134.6	1.1	4.8
Cutlery, hand tools, and hardware	11.3	11.2	11.2	1.4	1.1
Plumbing and heating, except electric	5.0	5.0	4.5	-.3	12.8
Fabricated structural metal products	30.1	29.5	29.4	2.0	2.2
Screw machine products, bolts, etc.	8.9	8.9	8.6	-.7	2.7
Metal forgings and stampings	44.2	42.8	40.7	3.1	8.6
Machinery, except electrical	160.8	159.2	154.8	1.0	3.9
Construction and related machinery	15.5	15.6	17.3	-.8	-10.5
Metalworking machinery	39.8	39.4	38.1	1.0	4.5
Special industry machinery	17.6	17.3	16.1	2.0	9.4
General industrial machinery	32.3	32.0	29.9	.7	7.9
Electric and electronic equipment	94.6	94.0	91.5	.6	3.4
Electrical industrial apparatus	19.6	19.1	18.5	2.4	5.9
Household appliances	17.0	17.4	16.7	-1.8	2.3
Electric lighting and wiring equipment	18.3	18.2	18.4	.4	-.7
Communication equipment	10.4	10.4	10.3	.4	1.5
Transportation equipment	139.8	141.2	134.8	-1.0	3.7
Motor vehicles and equipment	92.2	94.0	89.0	-1.9	3.6
Aircraft and parts	39.4	39.1	37.6	.9	5.0
Instruments and related products	21.5	21.5	20.7	-.1	3.8
Measuring and controlling devices	12.4	12.5	12.1	-1.0	2.6
Nondurable Goods[f]	360.0	356.8	353.5	.9	1.8
Food and kindred products	68.9	67.5	69.5	2.1	-.9
Meat products	10.7	10.8	10.6	-.3	1.4
Dairy products	10.3	10.5	10.6	-2.2	-2.7
Bakery products	10.0	10.3	10.0	-2.9	-.6
Beverages	10.4	10.6	10.6	-2.3	-2.1
Textile mill products	4.5	4.6	4.6	-1.1	-1.6
Apparel and other textile products	17.8	17.4	16.8	2.1	5.6
Paper and allied products	36.2	35.8	35.3	1.0	2.6
Paper mills, except building paper	9.7	9.7	9.3	.1	4.5
Misc. converted paper products	11.7	11.5	11.6	1.6	1.0
Paperboard containers and boxes	11.8	11.6	11.6	1.4	1.9
Printing and publishing	63.3	63.0	62.6	.5	1.2
Newspapers	18.1	18.1	18.0	.2	.3
Commercial printing	23.3	22.9	23.1	1.4	.9
Chemicals and allied products	64.1	64.5	64.2	-.6	-.1
Industrial inorganic chemicals	11.7	11.7	11.4	-.3	2.5
Plastics materials and synthetics	8.6	8.7	8.9	-1.8	-3.2
Petroleum and coal products	10.0	9.8	9.7	1.4	2.8
Rubber and misc. plastics products	90.4	89.3	85.6	1.2	5.6
Tires and inner tubes	20.5	20.6	20.4	-.3	.7
Miscellaneous plastics products	49.1	47.9	45.1	2.5	8.8
Leather and leather products	4.7	4.7	5.0	-.6	-6.7

See footnotes at end of table.

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN OHIO[a]
SEPTEMBER 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	September 1984[b]	August 1984[c]	September 1983[c]	Sep. 1984[b]	Aug. 1984[c]	Sep. 1983[c]	Sep. 1984[b]	Aug. 1984[c]	Sep. 1983[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$464.88	$455.36	$447.94	42.3	41.7	42.1	$10.99	$10.92	$10.64
Durable Goods[d]	483.65	474.60	463.52	42.5	42.0	42.1	11.38	11.30	11.01
Lumber and wood products	298.96	300.62	302.50	40.4	40.9	41.1	7.40	7.35	7.36
Furniture and fixtures	330.46	325.62	314.98	41.0	40.5	40.8	8.06	8.04	7.72
Household furniture	287.43	289.60	279.49	39.7	40.0	39.7	7.24	7.24	7.04
Stone, clay, and glass products	422.89	422.24	409.18	41.5	41.6	41.0	10.19	10.15	9.98
Glass and glassware, pressed or blown.	446.82	439.39	418.03	40.4	40.2	39.4	11.06	10.93	10.61
Structural clay products	327.75	316.47	311.17	42.4	41.1	41.6	7.73	7.70	7.48
Pottery and related products	320.07	317.80	323.51	37.7	37.3	37.4	8.49	8.52	8.65
Primary metal industries	538.88	528.30	522.49	42.1	41.5	41.9	12.80	12.73	12.47
Blast furnace and basic steel products	518.48	512.87	525.77	39.7	39.3	40.6	13.06	13.05	12.95
Iron and steel foundries	555.95	539.71	523.81	43.4	42.8	42.9	12.81	12.61	12.21
Nonferrous rolling and drawing	610.49	600.48	566.36	43.7	42.8	43.3	13.97	14.03	13.08
Nonferrous foundries	457.31	431.57	419.78	46.1	44.4	43.5	9.92	9.72	9.65
Fabricated metal products	464.94	458.16	471.28	42.0	41.5	43.0	11.07	11.04	10.96
Cutlery, hand tools, and hardware	456.95	470.49	490.99	39.7	40.7	42.4	11.51	11.56	11.58
Plumbing and heating, except electric.	377.81	379.85	350.24	40.8	40.8	39.8	9.26	9.31	8.80
Fabricated structural metal products .	442.73	410.44	428.40	42.9	41.5	42.5	10.32	9.89	10.08
Screw machine products, bolts, etc. ..	412.16	381.41	396.86	42.8	41.1	41.6	9.63	9.28	9.54
Metal forgings and stampings	550.40	550.62	571.27	42.7	42.0	44.7	12.89	13.11	12.78
Machinery, except electrical	465.86	455.28	431.09	42.7	42.0	40.9	10.91	10.84	10.54
Construction and related machinery	408.98	398.11	437.38	39.9	39.3	40.2	10.25	10.13	10.88
Metalworking machinery	441.83	426.63	398.58	42.2	41.3	39.0	10.47	10.33	10.22
Special industry machinery	455.68	446.09	425.70	43.9	43.1	42.4	10.38	10.35	10.04
General industrial machinery	466.35	459.54	437.13	41.9	41.4	41.2	11.13	11.10	10.61
Electric and electronic equipment	425.80	419.43	406.39	41.3	41.0	41.3	10.31	10.23	9.84
Electrical industrial apparatus	414.17	409.12	373.12	41.5	41.2	39.4	9.98	9.93	9.47
Household appliances	422.14	426.22	407.43	39.9	40.4	40.5	10.58	10.55	10.06
Electric lighting and wiring equipment	419.61	413.30	397.52	41.3	40.8	41.8	10.16	10.13	9.51
Communication equipment	503.86	496.80	488.77	43.7	43.2	44.8	11.53	11.50	10.91
Transportation equipment	624.26	599.86	570.49	45.7	44.5	44.5	13.66	13.48	12.82
Motor vehicles and equipment	658.48	631.06	597.09	46.8	45.4	45.2	14.07	13.90	13.21
Aircraft and parts	552.08	527.92	505.41	43.3	42.2	42.4	12.75	12.51	11.92
Instruments and related products	315.59	315.19	312.73	40.1	40.1	40.3	7.87	7.86	7.76
Measuring and controlling devices	306.90	303.79	301.75	39.6	39.3	39.6	7.75	7.73	7.62
Nondurable Goods[e]	421.10	412.82	410.62	41.9	41.2	41.9	10.05	10.02	9.80
Food and kindred products	429.34	417.78	415.86	43.9	42.2	43.5	9.78	9.90	9.56
Meat products	423.20	387.09	392.51	43.9	41.4	41.1	9.64	9.35	9.55
Dairy products	426.82	418.39	406.00	43.2	43.0	43.1	9.88	9.73	9.42
Bakery products	460.90	447.17	420.84	41.9	40.8	40.7	11.00	10.96	10.34
Beverages	385.88	388.90	366.22	39.7	40.3	40.2	9.72	9.65	9.11
Textile mill products	334.94	329.26	299.62	41.3	40.8	41.1	8.11	8.07	7.29
Apparel and other textile products	246.24	245.21	241.67	38.0	37.9	38.3	6.48	6.47	6.31
Paper and allied products	454.80	445.56	436.70	43.9	43.3	44.2	10.36	10.29	9.88
Paper mills, except building paper	582.82	562.88	534.46	46.7	45.8	46.8	12.48	12.29	11.42
Misc. converted paper products	398.90	397.46	380.84	42.8	42.6	42.6	9.32	9.33	8.94
Paperboard containers and boxes	400.95	384.71	398.30	42.7	41.5	43.2	9.39	9.27	9.22
Printing and publishing	390.39	379.71	378.00	38.5	38.2	37.5	10.14	9.94	10.08
Newspapers	319.11	321.42	316.52	33.0	33.0	32.8	9.67	9.74	9.65
Commercial printing	410.23	391.95	400.53	40.9	40.2	39.0	10.03	9.75	10.27
Chemicals and allied products	481.90	468.86	459.95	41.4	40.7	41.7	11.64	11.52	11.03
Industrial inorganic chemicals	509.23	503.48	494.42	41.2	40.9	41.9	12.36	12.31	11.80
Plastics materials and synthetics	532.34	533.66	506.61	43.0	43.6	43.3	12.38	12.24	11.70
Petroleum and coal products	626.51	592.35	588.51	43.0	42.1	42.4	14.57	14.07	13.88
Rubber and misc. plastics products	418.58	414.26	422.18	42.8	42.1	43.3	9.78	9.84	9.75
Tires and inner tubes	604.22	611.86	575.85	46.3	46.6	45.2	13.05	13.13	12.74
Miscellaneous plastics products	400.26	392.76	407.73	42.4	41.3	43.1	9.44	9.51	9.46
Leather and leather products	196.48	226.50	210.92	38.3	42.1	38.7	5.13	5.38	5.45

See footnotes at end of table.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN OHIO[a]
SEPTEMBER 1984 (Continued)

Industry	Employment (in thousands)			Percent Change From[d]	
	September 1984[b]	August 1984[c]	September 1983[c]	August 1984	September 1983
NONMANUFACTURING	3102.7	3056.2	3062.7	1.5	1.3
MINING	28.1	28.1	27.5	.2	2.1
Bituminous coal and lignite mining	11.9	11.7	11.7	1.8	1.5
CONSTRUCTION	145.0	145.0	144.6	.0	.3
General building contractors	36.6	36.5	35.3	.3	3.7
Heavy construction contractors	24.6	24.9	23.5	- 1.5	4.6
TRANSPORTATION AND PUBLIC UTILITIES	201.1	200.7	201.0	.2	.1
Railroad transportation	19.4	19.5	19.3	- .5	.5
Transportation, except railroads	90.4	89.5	88.2	.9	2.4
Trucking and warehousing	64.2	63.6	63.5	.8	1.0
Communication, electric, gas services	91.4	91.7	93.5	- .3	- 2.2
Communication	51.6	51.7	53.2	- .2	- 3.2
Electric, gas, and sanitary services	39.9	40.1	40.3	- .5	- 1.0
WHOLESALE TRADE	224.1	223.6	221.2	.2	1.3
Wholesale trade-durable goods	140.2	139.7	138.4	.4	1.3
Motor vehicles & automotive equipment	20.6	20.5	20.4	.4	1.2
Electrical goods	18.9	18.7	18.6	.7	1.2
Machinery, equipment, and supplies	58.6	58.5	57.8	.1	1.4
Wholesale trade-nondurable goods	83.8	83.9	82.7	- .1	1.3
Groceries and related products	26.6	26.5	25.9	.1	2.5
RETAIL TRADE	723.3	720.4	714.8	.4	1.2
General merchandise stores	112.0	110.2	109.8	1.7	2.0
Department stores	103.4	101.6	101.0	1.7	2.4
Food stores	120.0	119.1	118.1	.8	1.6
Automotive dealers & service stations	75.5	76.0	75.8	- .7	- .4
Apparel and accessory stores	33.4	33.2	33.6	.6	- .5
FINANCE, INSURANCE, AND REAL ESTATE	215.0	215.7	211.8	- .4	1.5
Banking	57.5	57.8	58.5	- .5	- 1.7
Credit agencies other than banks	32.5	32.6	31.6	- .1	2.9
Insurance carriers	59.5	59.7	59.3	- .4	.4
SERVICES	911.8	905.5	891.3	.7	2.3
Hotels and other lodging places	30.1	30.8	29.9	- 2.3	.6
Laundry, cleaning, & garment services	16.6	16.4	16.6	.9	- .1
Business services	138.2	138.0	130.9	.1	5.5
Health services	332.1	332.1	323.1	.0	2.8
Hospitals	178.8	179.0	176.8	- .1	1.1
GOVERNMENT	654.3	617.2	650.4	6.0	.6
Federal government	91.1	91.7	88.8	- .6	2.6
State government	137.4	123.7	135.5	11.1	1.4
State government, except education	69.9	70.5	69.9	- .8	.1
State government education[i]	67.5	53.3	65.7	26.7	2.7
Local government	425.8	401.8	426.1	6.0	- .1
Local government, except education	182.4	188.6	184.2	- 3.3	- 1.0
Local government education	243.4	213.2	241.9	14.1	.6

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[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes miscellaneous manufacturing. [f] Includes tobacco manufactures. [h] Depressed due to labor-management disputes. [i] Includes State Universities, State Schools for Deaf and Blind, and the State Library. Excludes hospitals, the agricultural extension service, agricultural research centers, and departments coordinating and administering educational programs (notably, the Ohio Department of Education).

Labor Market Information Division
Ohio Bureau of Employment Services
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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN OHIO[a]
SEPTEMBER 1984 (Continued)

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	September 1984[b]	August 1984[c]	September 1983[c]	Sep. 1984[b]	Aug. 1984[c]	Sep. 1983[c]	Sep. 1984[b]	Aug. 1984[c]	Sep. 1983[c]
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
MINING	$505.91	$491.48	$462.41	44.3	44.0	43.5	$11.42	$11.17	$10.63
Bituminous coal and lignite mining	638.00	604.89	557.47	44.0	42.3	40.9	14.50	14.30	13.63
CONSTRUCTION	617.78	605.28	601.09	39.5	39.0	37.9	15.64	15.52	15.86
General building contractors	596.90	565.38	514.40	41.8	39.9	36.2	14.28	14.17	14.21
Heavy construction contractors	595.73	603.60	569.24	39.4	40.0	38.0	15.12	15.09	14.98
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Railroad transportation	......	......	......	....	....	....	....	....	....
Transportation, except railroads	......	......	......	....	....	....	....	....	....
Trucking and warehousing	449.24	439.30	447.28	36.2	35.6	36.1	12.41	12.34	12.39
Communication, electric, gas services	504.70	503.06	467.64	40.8	40.8	40.7	12.37	12.33	11.49
Communication	500.61	500.61	463.98	40.7	40.7	40.7	12.30	12.30	11.40
Electric, gas, and sanitary services	510.86	505.93	473.69	41.0	40.9	40.8	12.46	12.37	11.61
WHOLESALE TRADE	341.73	339.00	331.30	39.1	39.1	39.3	8.74	8.67	8.43
Wholesale trade—durable goods	337.73	334.51	325.96	39.5	39.4	39.8	8.55	8.49	8.19
Motor vehicles & automotive equipment	283.86	280.06	275.50	39.7	39.5	38.0	7.15	7.09	7.25
Electrical goods	280.12	282.37	271.74	37.2	37.4	37.9	7.53	7.55	7.17
Machinery, equipment, and supplies	380.95	376.99	366.21	39.6	39.6	40.6	9.62	9.52	9.02
Wholesale trade—nondurable goods	348.43	346.63	340.34	38.5	38.6	38.5	9.05	8.98	8.84
Groceries and related products	375.87	370.39	367.69	40.9	41.2	40.9	9.19	8.99	8.99
RETAIL TRADE[f]	160.34	160.52	161.32	29.1	29.4	29.6	5.51	5.46	5.45
General merchandise stores	164.59	165.14	167.40	30.2	30.3	31.0	5.45	5.45	5.40
Department stores	167.81	168.11	171.21	30.4	30.4	31.3	5.52	5.53	5.47
Food stores	204.52	205.58	220.82	29.9	30.1	31.5	6.84	6.83	7.01
Automotive dealers & service stations	225.16	225.16	215.26	36.2	36.2	36.3	6.22	6.22	5.93
Apparel and accessory stores	122.49	119.74	117.82	27.1	27.4	26.3	4.52	4.37	4.48
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
Banking	223.71	225.44	218.60	....	....	....	....	....	....
Credit agencies other than banks	222.13	220.51	211.32	....	....	....	....	....	....
Insurance carriers	300.80	298.85	290.68	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
Hotels and other lodging places	......	......	......	....	....	....	....	....	....
Laundry, cleaning, & garment services	......	......	......	....	....	....	....	....	....
Business services	......	......	......	....	....	....	....	....	....
Health services	......	......	......	....	....	....	....	....	....
Hospitals	293.05	290.98	285.76	33.8	33.6	34.1	8.67	8.66	8.38
GOVERNMENT	......	......	......	....	....	....	....	....	....
Federal government	......	......	......	....	....	....	....	....	....
State government	......	......	......	....	....	....	....	....	....
State government, except education	......	......	......	....	....	....	....	....	....
State government education	......	......	......	....	....	....	....	....	....
Local government	......	......	......	....	....	....	....	....	....
Local government, except education	......	......	......	....	....	....	....	....	....
Local government education	......	......	......	....	....	....	....	....	....

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for over-[illegible] incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes miscellaneous manufacturing. [e] Includes tobacco manufactures. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN AKRON METROPOLITAN AREA[a]

SEPTEMBER 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	September 1984[b]	August 1984[c]	September 1983[c]	August 1984	September 1983
TOTAL	255.8	250.2	251.3	2.2	1.8
MANUFACTURING	68.0	67.4	66.0	.9	3.0
Durable Goods[e]	35.2	34.6	33.4	1.9	5.6
Stone, clay, and glass products	1.2	1.2	1.5	- 2.3	- 20.2
Fabricated metal products	13.2	12.7	12.4	3.8	6.2
Machinery, except electrical	9.2	9.3	8.9	- .6	3.7
Special industry machinery	1.5	1.5	1.4	- 1.3	7.6
Nondurable Goods[f]	32.7	32.8	32.6	- .2	.4
Food and kindred products	2.7	2.7	2.7	- .7	1.3
Chemicals and allied products	2.9	2.9	3.1	.9	- 6.7
Rubber and misc. plastics products	22.0	22.0	21.6	- .1	1.7
Tires and inner tubes	15.5	15.6	15.5	- .4	.1
NONMANUFACTURING[g]	187.8	182.8	185.3	2.7	1.3
CONSTRUCTION	8.1	8.2	8.0	- 1.9	1.3
TRANSPORTATION AND PUBLIC UTILITIES	12.7	12.6	12.7	.0	- .3
Communication, electric, gas services	5.3	5.3	5.5	- .2	- 3.3
WHOLESALE TRADE	11.7	11.7	11.8	- .2	- 1.2
RETAIL TRADE	46.7	46.3	46.1	.8	1.3
FINANCE, INSURANCE, AND REAL ESTATE	9.5	9.7	9.4	- 1.2	1.7
SERVICES	55.9	57.4	54.1	- 2.6	3.4
GOVERNMENT	42.5	36.1	42.6	17.7	- .2
State government (includes education)	15.0	10.2	14.8	46.8	1.6
Local government (includes education)	25.4	23.7	25.8	6.9	- 1.5

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Akron area is defined as Portage and Summit Counties. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; primary metal industries; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN AKRON METROPOLITAN AREA[a]
SEPTEMBER 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	September 1984[b]	August 1984[c]	September 1983[c]	Sep. 1984[b]	Aug. 1984[c]	Sep. 1983[c]	Sep. 1984[b]	Aug. 1984[c]	Sep. 1983[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$467.42	$468.51	$461.54	43.2	43.3	43.5	$10.82	$10.82	$10.61
Durable Goods[d]	479.81	476.01	469.97	43.5	43.0	43.8	11.03	11.07	10.73
Stone, clay, and glass products	389.57	400.06	404.34	41.4	42.2	41.9	9.41	9.48	9.65
Fabricated metal products	551.24	549.54	560.28	42.6	41.6	45.7	12.94	13.21	12.26
Machinery, except electrical	423.45	412.92	416.35	45.0	44.4	43.1	9.41	9.30	9.66
Special industry machinery	478.07	468.40	460.56	47.1	46.7	45.6	10.15	10.03	10.10
Nondurable Goods[e]	449.83	456.06	449.10	42.8	43.6	43.1	10.51	10.46	10.42
Food and kindred products	443.41	454.52	451.23	42.8	44.0	44.5	10.36	10.33	10.14
Chemicals and allied products	449.19	447.20	465.80	41.4	41.6	42.5	10.85	10.75	10.96
Rubber and misc. plastics products	473.27	488.70	471.43	43.7	45.0	44.1	10.83	10.86	10.69
Tires and inner tubes	658.24	673.93	618.31	48.4	49.3	46.7	13.60	13.67	13.24
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	574.08	564.93	558.67	36.8	36.4	36.9	15.60	15.52	15.14
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	512.07	512.07	476.35	40.9	40.9	41.1	12.52	12.52	11.59
WHOLESALE TRADE	322.74	332.05	297.20	39.6	40.2	38.9	8.15	8.26	7.64
RETAIL TRADE[f]	179.70	180.00	173.12	30.0	30.1	29.9	5.99	5.98	5.79
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
State government (includes education)	......	......	......	....	....	....	....	....	....
Local government (includes education)	......	......	......	....	....	....	....	....	....

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Akron area is defined as Portage and Summit Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; furniture and fixtures; primary metal industries; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CANTON METROPOLITAN AREA[a]
SEPTEMBER 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	September 1984[b]	August 1984[c]	September 1983[c]	August 1984	September 1983
TOTAL	149.3	148.0	146.1	.9	2.2
MANUFACTURING	46.0	45.7	44.6	.7	3.2
Durable Goods[e]	34.4	34.1	33.7	.7	2.2
Stone, clay, and glass products	1.6	1.6	1.7	- 1.2	- 4.5
Primary metal industries	11.4	11.4	10.8	- .2	5.2
Fabricated metal products	7.5	7.5	7.5	.8	.5
Fabricated structural metal products	1.7	1.7	1.9	.5	- 11.6
Metal forgings and stampings	2.6	2.6	2.3	1.6	15.3
Nondurable Goods[f]	11.6	11.5	10.9	.5	6.1
Food and kindred products	4.2	4.2	4.0	- 1.9	5.4
Rubber and misc. plastics products	2.8	2.9	2.6	- 1.7	9.1
NONMANUFACTURING[g]	103.3	102.3	101.5	1.0	1.7
CONSTRUCTION	5.4	5.4	4.9	1.4	10.8
TRANSPORTATION AND PUBLIC UTILITIES	5.9	5.9	6.0	.0	- 2.7
Communication, electric, gas services	2.7	2.7	2.8	- .7	- 3.8
WHOLESALE TRADE	7.6	7.6	7.3	.6	4.2
RETAIL TRADE	26.7	26.5	26.3	.8	1.5
FINANCE, INSURANCE, AND REAL ESTATE	6.8	6.7	6.5	.7	4.3
SERVICES	32.0	31.8	31.1	.6	3.0
GOVERNMENT	17.5	17.1	18.0	2.6	- 2.9
Local government (includes education)	14.7	14.3	15.2	2.9	- 3.2

[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Canton area is defined as Carroll and Stark Counties. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

Labor Market Information Division
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Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CANTON METROPOLITAN AREA[a]
SEPTEMBER 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	September 1984[b]	August 1984[c]	September 1983[c]	Sep. 1984[b]	Aug. 1984[c]	Sep. 1983[c]	Sep. 1984[b]	Aug. 1984[c]	Sep. 1983[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$435.78	$433.08	$442.27	40.5	40.1	40.8	$10.76	$10.80	$10.84
Durable Goods[d]	450.55	449.20	457.78	40.3	40.0	40.8	11.18	11.23	11.22
Stone, clay, and glass products	294.77	276.38	294.38	41.4	38.6	41.0	7.12	7.16	7.18
Primary metal industries	478.74	473.96	483.61	39.5	39.3	40.1	12.12	12.06	12.06
Fabricated metal products	494.43	519.06	520.42	41.1	42.2	41.7	12.03	12.30	12.48
Fabricated structural metal products	357.75	357.75	441.78	39.4	39.4	39.2	9.08	9.08	11.27
Metal forgings and stampings	612.92	663.75	641.58	43.5	45.4	44.4	14.09	14.62	14.45
Nondurable Goods[e]	390.99	382.30	394.97	41.2	40.2	41.1	9.49	9.51	9.61
Food and kindred products	409.49	382.54	425.39	41.7	39.6	41.1	.82	9.66	10.35
Rubber and misc. plastics products	451.86	445.01	424.02	43.7	43.5	44.4	10.34	10.23	9.55
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	576.56	588.55	553.94	36.7	37.8	35.6	15.71	15.57	15.56
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	514.19	517.09	477.10	41.3	41.6	41.2	12.45	12.43	11.58
WHOLESALE TRADE	320.11	327.73	318.57	36.5	36.7	37.0	8.77	8.93	8.61
RETAIL TRADE[f]	160.19	160.32	159.79	29.5	29.8	29.7	5.43	5.38	5.38
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
Local government (includes education)	......	......	......	....	....	....	....	....	....

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Canton area is defined as Carroll and Stark Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; furniture and fixtures; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CINCINNATI METROPOLITAN AREA[a]
SEPTEMBER 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	September 1984[b]	August 1984[c]	September 1983[c]	August 1984	September 1983
TOTAL	590.9	588.2	580.8	.5	1.7
MANUFACTURING	143.3	146.0	141.4	- 1.9	1.3
Durable Goods[e]	76.8	79.7	76.0	- 3.6	1.1
Furniture and fixtures	1.9	2.0	2.2	- 4.3	- 13.0
Primary metal industries	2.2	2.2	1.8	.3	22.0
Fabricated metal products	12.0[h]	12.5	12.5	- 4.2	- 4.6
Fabricated structural metal products	3.7	3.6	4.0	2.7	- 5.7
Machinery, except electrical	19.0	19.0	18.5	- .1	3.0
Metalworking machinery	7.9	7.8	7.8	.9	1.7
General industrial machinery	3.4	3.6	3.3	- 3.6	2.4
Electric and electronic equipment	8.1	8.2	8.1	- .8	.9
Transportation equipment	23.0	25.4	22.8	- 9.7	.6
Motor vehicles and equipment	7.6	10.1	7.8	- 25.1	- 2.8
Nondurable Goods[f]	66.4	66.3	65.4	.2	1.5
Food and kindred products	14.6	14.7	14.6	- .9	- .1
Meat products	2.4	2.3	2.2	1.3	5.8
Bakery products	2.4	2.5	2.5	- 5.9	- 3.9
Beverages	4.2	4.3	4.3	- .5	- 1.1
Apparel and other textile products	3.9	3.8	4.0	1.7	- 2.0
Paper and allied products	6.2	6.1	6.0	.4	3.5
Printing and publishing	11.6	11.5	11.7	1.0	- .5
Chemicals and allied products	21.9	21.8	21.4	.3	2.4
Rubber and misc. plastics products	5.1	5.0	4.7	1.6	9.3
NONMANUFACTURING[g]	447.7	442.2	439.4	1.2	1.9
CONSTRUCTION	21.9	22.1	22.6	- 1.1	- 2.9
TRANSPORTATION AND PUBLIC UTILITIES	31.1	31.1	31.7	- .1	- 2.0
Communication, electric, gas services	13.9	14.1	14.8	- 1.0	- 5.9
WHOLESALE TRADE	36.4	36.3	36.0	.4	1.0
RETAIL TRADE	106.4	105.4	104.7	.9	1.6
FINANCE, INSURANCE, AND REAL ESTATE	33.9	33.8	32.9	.3	3.2
Banking	7.5	7.5	7.4	.2	1.8
Insurance carriers	11.5	11.4	11.0	.2	4.3
SERVICES	138.1	138.1	132.4	.0	4.3
GOVERNMENT	79.5	75.0	78.8	6.0	.9
Federal government	13.4	13.4	12.4	.2	8.4
State government (includes education)	16.7	16.2	16.7	3.6	.5
Local government	49.3	45.5	49.7	8.5	- .8
Local government, except education	21.7	21.8	22.2	- .5	- 2.2
Local government education	27.7	23.7	27.6	16.8	.4

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[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Cincinnati area is defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; stone, clay, and glass products; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CINCINNATI METROPOLITAN AREA[a]
SEPTEMBER 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	September 1984[b]	August 1984[c]	September 1983[c]	Sep. 1984[b]	Aug. 1984[c]	Sep. 1983[c]	Sep. 1984[b]	Aug. 1984[c]	Sep. 1983[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$446.47	$440.77	$417.13	42.4	41.7	41.3	$10.53	10.57	$10.10
Durable Goods[d]	436.48	444.14	404.42	42.5	41.9	41.1	10.27	10.60	9.84
Furniture and fixtures	343.62	342.31	338.13	41.5	40.8	41.9	8.28	8.39	8.07
Primary metal industries	500.76	489.81	477.15	41.8	41.9	41.6	11.98	11.69	11.47
Fabricated metal products	395.43	370.80	383.88	41.8	39.7	42.0	9.46	9.34	9.14
Fabricated structural metal products	462.00	383.18	367.84	46.2	42.2	41.8	10.00	9.08	8.80
Machinery, except electrical	401.57	387.46	363.38	41.7	40.7	39.2	9.63	9.52	9.27
Metalworking machinery	439.36	435.49	389.76	41.1	40.7	38.1	10.69	10.70	10.23
General industrial machinery	361.58	342.94	340.98	40.4	39.6	40.4	8.95	8.66	8.44
Electric and electronic equipment	339.04	335.77	305.73	41.6	41.3	39.5	8.15	8.13	7.74
Transportation equipment	636.96	660.47	574.66	45.4	45.3	43.7	14.03	14.58	13.15
Motor vehicles and equipment	723.04	766.26	645.00	47.6	48.9	45.2	15.19	15.67	14.27
Nondurable Goods[e]	455.76	435.94	430.36	42.2	41.4	41.5	10.80	10.53	10.37
Food and kindred products	502.66	503.80	485.47	43.9	44.0	43.0	11.45	11.45	11.29
Meat products	432.90	431.42	402.94	45.0	44.8	41.2	9.62	9.63	9.78
Bakery products	493.81	482.03	447.98	43.7	43.0	43.2	11.30	11.21	10.37
Beverages	465.30	476.06	445.84	42.3	43.2	42.1	11.00	11.02	10.59
Apparel and other textile products	223.50	220.44	213.07	37.5	37.3	36.8	5.96	5.91	5.79
Paper and allied products	409.40	392.79	384.22	43.6	42.1	41.9	9.39	9.33	9.17
Printing and publishing	436.59	413.76	410.40	40.5	39.9	38.9	10.78	10.37	10.55
Chemicals and allied products	546.13	495.69	501.17	42.5	40.3	42.4	12.85	12.30	11.82
Rubber and misc. plastics products	357.94	353.53	350.51	44.3	43.7	44.2	8.08	8.09	7.93
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	547.06	554.30	562,87	39.3	38.6	37.4	13.92	14.36	15.05
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	478.67	483.55	443.98	39.3	39.7	39.5	12.18	12.18	11.24
WHOLESALE TRADE	369.98	363.37	343.08	41.2	40.6	39.8	8.98	8.95	8.62
RETAIL TRADE[f]	166.86	166.61	164.08	30.9	31.2	30.9	5.40	5.34	5.31
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
Banking	232.52	230.53	223.93	....	....	....	....	....	....
Insurance carriers	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
Federal government	......	......	......	....	....	....	....	....	....
State government (includes education)	......	......	......	....	....	....	....	....	....
Local government	......	......	......	....	....	....	....	....	....
Local government, except education	......	......	......	....	....	....	....	....	....
Local government education	......	......	......	....	....	....	....	....	....

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[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Cincinnati area is defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; stone, clay, and glass products; instruments and related products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CLEVELAND METROPOLITAN AREA[a]
SEPTEMBER 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	September 1984[b]	August 1984[c]	September 1983[c]	August 1984	September 1983
TOTAL	833.6	831.4	834.9	.3	- .1
MANUFACTURING	210.2	208.9	209.9	.6	.2
Durable Goods[e]	145.6	144.1	145.8	1.1	- .1
Furniture and fixtures	2.0	1.9	2.1	5.0	- 5.1
Primary metal industries	23.4	23.4	25.0	- .1	- 6.3
Blast furnace and basic steel products	11.1	11.1	12.8	.0	- 13.1
Iron and steel foundries	5.9	5.8	5.9	1.3	1.0
Nonferrous foundries	2.4	2.5	2.6	- 2.0	- 5.8
Fabricated metal products	32.3	32.0	31.7	1.2	1.9
Fabricated structural metal products	3.9	3.8	3.8	1.0	2.2
Screw machine products, bolts, etc.	4.2	4.3	4.3	- 1.3	- 2.6
Metal forgings and stampings	11.2	10.9	10.8	3.3	4.0
Machinery, except electrical	32.2	31.9	30.9	.8	4.3
Construction and related machinery	4.4	4.5	5.4	- 2.2	- 18.0
Metalworking machinery	10.4	10.3	10.0	.7	4.4
Special industry machinery	3.4	3.3	2.9	2.7	18.4
General industrial machinery	2.9	2.9	2.6	.6	8.4
Electric and electronic equipment	22.2	22.0	22.2	.9	.0
Electrical industrial apparatus	7.6	7.4	7.3	2.4	3.6
Transportation equipment	19.6	18.9	20.4	3.2	- 4.1
Motor vehicles and equipment	13.0	12.5	13.9	4.0	- 6.9
Instruments and related products	5.9	6.0	5.7	- .4	3.3
Nondurable Goods[f]	64.6	64.8	64.1	- .3	.7
Food and kindred products	7.4	7.5	7.8	- 1.3	- 5.3
Bakery products	1.7	1.7	1.8	- .9	- 4.8
Beverages	1.4	1.5	1.7	- 12.2	- 18.6
Apparel and other textile products	5.2	5.1	4.9	1.6	4.9
Paper and allied products	5.2	5.1	4.8	1.3	7.6
Printing and publishing	15.4	15.3	14.8	.3	3.6
Chemicals and allied products	14.2	14.4	14.5	- 1.7	- 2.0
Industrial inorganic chemicals	3.3	3.3	3.3	- 1.2	- 2.7
Rubber and misc. plastics products	11.3	11.2	11.3	.5	- .4
NONMANUFACTURING[g]	623.4	622.5	625.0	.1	- .2
CONSTRUCTION	25.6	25.8	27.9	- .7	- 7.9
TRANSPORTATION AND PUBLIC UTILITIES	42.0	41.9	42.0	.3	.2
Communication, electric, gas services	19.7	19.7	20.1	.3	- 1.7
WHOLESALE TRADE	57.7	57.8	58.2	- .1	- .9
RETAIL TRADE	135.9	134.8	135.8	.8	.1
FINANCE, INSURANCE, AND REAL ESTATE	48.1	48.4	49.3	- .5	- 2.4
Banking	12.7	12.6	13.4	.2	- 5.5
Insurance carriers	11.6	11.6	12.3	- .2	- 5.4
SERVICES	202.1	200.7	197.7	.7	2.2
GOVERNMENT	110.5	111.9	112.9	- 1.2	- 2.1
Federal government	19.4	19.5	19.3	- .4	.6
State government (includes education)	7.4	7.4	7.3	.6	1.8
Local government	83.6	84.9	86.2	- 1.6	- 3.1
Local government, except education	43.4	47.4	45.2	- 8.4	- 3.9
Local government education	40.2	37.5	41.1	7.1	- 2.2

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Cleveland area is defined as Cuyahoga, Geauga, Lake, and Medina Counties. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; stone, clay, and glass products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CLEVELAND METROPOLITAN AREA[a]
SEPTEMBER 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	September 1984[b]	August 1984[c]	September 1983[c]	Sep. 1984[b]	Aug. 1984[c]	Sep. 1983[c]	Sep. 1984[b]	Aug. 1984[c]	Sep. 1983[c]
TOTAL	...	...	...	...	...	...	...	...	...
MANUFACTURING	$457.13	$448.62	$440.77	41.9	41.5	41.7	$10.91	$10.81	$10.57
Durable Goods[d]	487.48	477.12	468.57	42.5	42.0	42.1	11.47	11.36	11.13
Furniture and fixtures	352.41	351.02	322.78	40.6	41.2	39.8	8.68	8.52	8.11
Primary metal industries	553.37	545.26	541.40	42.6	42.4	42.9	12.99	12.86	12.62
Blast furnace and basic steel products	488.26	488.26	511.04	37.3	37.3	39.1	13.09	13.09	13.07
Iron and steel foundries	777.15	750.68	690.49	49.5	49.0	47.1	15.70	15.32	14.66
Nonferrous foundries	379.75	347.13	351.60	43.4	40.6	40.6	8.75	8.55	8.66
Fabricated metal products	456.71	466.32	450.05	41.9	42.9	42.1	10.90	10.87	10.69
Fabricated structural metal products	360.00	382.20	359.20	40.0	42.0	40.0	9.00	9.10	8.98
Screw machine products, bolts, etc.	431.21	408.65	433.15	44.5	43.8	42.3	9.69	9.33	10.24
Metal forgings and stampings	567.96	589.16	562.61	42.8	44.0	44.3	13.27	13.39	12.70
Machinery, except electrical	448.51	439.27	433.61	41.8	40.9	40.6	10.73	10.74	10.68
Construction and related machinery	467.64	439.57	510.05	40.7	38.9	41.4	11.49	11.30	12.32
Metalworking machinery	400.39	389.67	410.10	40.2	39.4	39.7	9.96	9.89	10.33
Special industry machinery	455.04	453.13	469.06	39.5	39.3	41.4	11.52	11.53	11.33
General industrial machinery	416.50	401.44	402.62	42.5	41.6	41.0	9.80	9.65	9.82
Electric and electronic equipment	418.82	405.42	392.35	40.9	40.3	40.2	10.24	10.06	9.76
Electrical industrial apparatus	446.65	428.86	357.75	41.9	41.0	36.1	10.66	10.46	9.91
Transportation equipment	655.67	617.31	585.90	46.7	44.7	45.0	14.04	13.81	13.02
Motor vehicles and equipment	723.17	676.37	625.18	48.6	46.2	45.7	14.88	14.64	13.68
Instruments and related products	364.75	362.20	361.38	40.8	40.2	41.3	8.94	9.01	8.75
Nondurable Goods[e]	381.64	374.13	370.37	40.6	40.1	40.7	9.40	9.33	9.10
Food and kindred products	405.98	391.35	393.87	42.6	41.5	41.2	9.53	9.43	9.56
Bakery products	491.28	444.42	413.34	46.7	43.4	41.5	10.52	10.24	9.96
Beverages	320.72	340.75	344.40	40.7	39.9	41.0	7.88	8.54	8.40
Apparel and other textile products	273.35	264.83	271.04	38.5	37.3	38.5	7.10	7.10	7.04
Paper and allied products	424.15	415.11	428.50	42.8	42.1	45.2	9.91	9.86	9.48
Printing and publishing	372.69	364.25	356.85	36.9	36.1	35.9	10.10	10.09	9.94
Chemicals and allied products	479.09	468.72	457.69	42.7	42.0	42.3	11.22	11.16	10.82
Industrial inorganic chemicals	527.98	516.43	498.62	43.1	42.4	42.4	12.25	12.18	11.76
Rubber and misc. plastics products	346.50	330.81	338.77	42.0	41.3	43.1	8.25	8.01	7.86
NONMANUFACTURING	...	...	...	...	...	...	...	...	...
CONSTRUCTION	795.16	775.06	739.09	40.2	40.2	39.8	19.78	19.28	18.57
TRANSPORTATION AND PUBLIC UTILITIES	...	...	...	...	...	...	...	...	...
Communication, electric, gas services	540.05	536.36	494.51	41.1	41.1	40.6	13.14	13.05	12.18
WHOLESALE TRADE	353.99	348.88	338.04	38.9	39.2	38.9	9.10	8.90	8.69
RETAIL TRADE[f]	180.22	179.00	171.96	29.4	29.2	28.9	6.13	6.13	5.95
FINANCE, INSURANCE, AND REAL ESTATE	...	...	...	...	...	...	...	...	...
Banking	252.62	257.14	247.28	...	...	...	...	...	...
Insurance carriers	...	...	...	...	...	...	...	...	...
SERVICES	...	...	...	...	...	...	...	...	...
GOVERNMENT	...	...	...	...	...	...	...	...	...
Federal government	...	...	...	...	...	...	...	...	...
State government (includes education)	...	...	...	...	...	...	...	...	...
Local government	...	...	...	...	...	...	...	...	...
Local government, except education	...	...	...	...	...	...	...	...	...
Local government education	...	...	...	...	...	...	...	...	...

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[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Cleveland area is defined as Cuyahoga, Geauga, Lake, and Medina Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; stone, clay, and glass products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

Labor Market Information Division
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Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN COLUMBUS METROPOLITAN AREA[a]
SEPTEMBER 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	September 1984[b]	August 1984[c]	September 1983[c]	August 1984	September 1983
TOTAL	518.4	513.8	504.9	.9	2.7
MANUFACTURING	89.4	88.7	85.3	.7	4.7
Durable Goods[e]	58.3	57.6	54.6	1.2	6.8
Stone, clay, and glass products	9.7	9.6	9.5	1.7	2.7
Fabricated metal products	10.3	10.1	9.8	2.0	5.6
Machinery, except electrical	10.1	10.0	9.1	.3	10.8
Electric and electronic equipment	10.5	10.4	10.2	1.5	3.5
Transportation equipment	9.1	9.1	8.3	- .3	8.5
Nondurable Goods[f]	31.0	31.1	30.7	- .1	1.0
Food and kindred products	10.1	10.1	9.8	- .2	2.4
Printing and publishing	8.2	8.1	8.0	1.7	2.4
Chemicals and allied products	6.1	6.3	6.1	- 2.8	.4
Rubber and misc. plastics products	2.7	2.7	2.7	.6	.4
NONMANUFACTURING[g]	429.0	425.1	419.6	.9	2.3
CONSTRUCTION	17.7	17.6	17.1	1.0	3.5
TRANSPORTATION AND PUBLIC UTILITIES	23.8	23.7	23.0	.6	3.5
Communication, electric, gas services	11.1	11.1	11.0	- .1	1.3
WHOLESALE TRADE	28.2	28.3	27.5	- .1	2.8
RETAIL TRADE	98.6	98.2	95.2	.5	3.6
FINANCE, INSURANCE, AND REAL ESTATE	45.5	45.9	44.1	- .9	3.1
Banking	8.7	8.8	8.7	- 1.6	- .5
Insurance carriers	18.1	18.2	18.0	- .6	.5
SERVICES	116.6	116.3	113.4	.2	2.8
GOVERNMENT	98.0	94.6	98.7	3.5	- .7
Federal government	12.0	12.0	11.2	- .3	6.4
State government	44.5	43.7	44.9	1.9	- .8
State government, except education	27.3	27.3	27.9	- .3	- 2.1
State government education[i]	17.2	16.3	17.0	5.4	1.2
Local government	41.5	39.0	42.6	6.6	- 2.5
Local government, except education	17.4	18.0	17.9	- 3.1	- 2.6
Local government education	24.1	21.0	24.7	14.9	- 2.5

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Columbus area is defined as Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes. [i] Includes State Universities, State Schools for Deaf and Blind, and the State Library. Excludes hospitals, the agricultural extension service, agricultural research centers, and departments coordinating and administering education programs (notably, the Ohio Department of Education).

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN COLUMBUS METROPOLITAN AREA[a]
SEPTEMBER 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	September 1984[b]	August 1984[c]	September 1983[c]	Sep. 1984[b]	Aug. 1984[c]	Sep. 1983[c]	Sep. 1984[b]	Aug. 1984[c]	Sep. 1983[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$423.91	$420.86	$410.45	40.8	40.9	40.8	$10.39	$10.29	$10.06
Durable Goods[d]	433.05	431.90	431.78	40.7	40.9	41.2	10.64	10.56	10.48
Stone, clay, and glass products	394.82	395.21	383.57	39.8	39.8	39.3	9.92	9.93	9.76
Fabricated metal products	472.43	486.42	519.09	39.7	40.3	42.1	11.90	12.07	12.33
Machinery, except electrical	410.11	401.23	377.81	41.3	40.9	40.8	9.93	9.81	9.26
Electric and electronic equipment	450.19	450.19	449.33	41.8	41.8	44.4	10.77	10.77	10.12
Transportation equipment	575.53	551.17	511.63	43.8	44.2	42.6	13.14	12.47	12.01
Nondurable Goods[e]	404.01	396.32	366.40	41.1	40.9	40.0	9.83	9.69	9.16
Food and kindred products	388.54	383.72	363.26	41.6	41.8	41.0	9.34	9.18	8.86
Printing and publishing	469.13	453.12	442.50	38.9	38.4	37.5	12.06	11.80	11.80
Chemicals and allied products	457.44	437.58	415.31	41.1	39.6	40.4	11.13	11.05	10.28
Rubber and misc. plastics products	330.67	356.06	310.75	43.0	45.3	43.1	7.69	7.86	7.21
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	504.14	515.81	490.10	38.9	39.8	37.7	12.96	12.96	13.00
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	521.83	520.49	479.49	40.8	40.6	40.6	12.79	12.82	11.81
WHOLESALE TRADE	296.51	288.12	300.65	39.8	39.2	39.3	7.45	7.35	7.65
RETAIL TRADE[f]	156.80	158.01	165.50	28.1	29.1	29.5	5.58	5.43	5.61
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
Banking	235.17	242.12	237.76	....	....	....	....	....	....
Insurance carriers	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
Federal government	......	......	......	....	....	....	....	....	....
State government	......	......	......	....	....	....	....	....	....
State government, except education	......	......	......	....	....	....	....	....	....
State government education	......	......	......	....	....	....	....	....	....
Local government	......	......	......	....	....	....	....	....	....
Local government, except education	......	......	......	....	....	....	....	....	....
Local government education	......	......	......	....	....	....	....	....	....

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Columbus area is defined as Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN DAYTON METROPOLITAN AREA[a]
SEPTEMBER 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	September 1984[b]	August 1984[c]	September 1983[c]	August 1984	September 1983
TOTAL	350.1	343.6	340.7	1.9	2.8
MANUFACTURING	92.7	91.6	88.6	1.2	4.6
Durable Goods[e]	64.4	63.6	61.2	1.3	5.2
Stone, clay, and glass products	2.1	2.1	2.0	- .7	4.9
Fabricated metal products	7.3	7.2	6.8	.5	7.4
Machinery, except electrical	29.8	29.4	28.5	1.5	4.7
Metalworking machinery	6.9	6.7	6.4	2.7	8.6
Electric and electronic equipment	5.2	5.1	4.9	2.0	5.9
Electrical industrial apparatus	3.0	2.9	2.8	1.9	5.1
Transportation equipment	13.8	13.5	13.3	2.0	4.2
Nondurable Goods[f]	28.2	28.0	27.3	.9	3.4
Food and kindred products	2.8	2.8	3.0	.1	- 5.0
Paper and allied products	5.9	5.8	5.2	.6	12.4
Printing and publishing	7.5	7.5	7.2	.2	3.6
Rubber and misc. plastics products	8.4	8.2	8.3	2.3	.7
NONMANUFACTURING[g]	257.4	252.0	252.1	2.2	2.1
CONSTRUCTION	10.2	10.3	10.3	- .5	- .4
TRANSPORTATION AND PUBLIC UTILITIES	13.1	13.0	12.9	.1	1.0
Communication, electric, gas services	5.6	5.7	5.9	- 1.3	- 6.0
WHOLESALE TRADE	17.1	17.0	16.7	.6	2.6
RETAIL TRADE	57.0	56.4	55.9	1.1	1.9
FINANCE, INSURANCE, AND REAL ESTATE	14.3	14.3	14.0	- .3	2.2
SERVICES	79.5	77.7	77.2	2.3	3.0
GOVERNMENT	66.0	63.0	64.9	4.8	1.6
Federal government	26.9	27.1	26.1	- .9	2.9
State government (includes education)	5.4	5.4	5.1	.5	6.4
Local government	33.7	30.5	33.7	10.6	.0
Local government, except education	13.1	13.3	13.1	- 1.5	.4
Local government education	20.6	17.1	20.6	20.0	- .3

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[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Dayton area is defined as Greene, Miami, Montgomery, and Preble Counties. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN DAYTON METROPOLITAN AREA[a]
SEPTEMBER 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	September 1984[b]	August 1984[c]	September 1983[c]	Sep. 1984[b]	Aug. 1984[c]	Sep. 1983[c]	Sep. 1984[b]	Aug. 1984[c]	Sep. 1983[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$482.46	$475.15	$464.40	43.0	42.5	43.0	$11.22	$11.18	$10.80
Durable Goods[d]	492.42	483.32	465.70	43.5	43.0	43.2	11.32	11.24	10.78
Stone, clay, and glass products	377.17	385.85	406.83	40.6	41.4	40.4	9.29	9.32	10.07
Fabricated metal products	383.13	376.58	347.78	43.0	42.6	41.6	8.91	8.84	8.36
Machinery, except electrical	530.74	523.18	496.17	44.6	44.3	44.7	11.90	11.81	11.10
Metalworking machinery	514.48	503.06	465.41	46.1	45.9	43.7	11.16	10.96	10.65
Electric and electronic equipment	334.56	337.42	321.99	40.8	41.3	40.4	8.20	8.17	7.97
Electrical industrial apparatus	366.50	366.80	347.58	41.6	41.4	40.7	8.81	8.86	8.54
Transportation equipment	627.82	615.30	596.28	44.4	43.7	44.3	14.14	14.08	13.46
Nondurable Goods[e]	461.16	456.37	458.77	42.0	41.3	42.4	10.98	11.05	10.82
Food and kindred products	437.25	395.22	356.00	44.8	42.0	39.6	9.76	9.41	8.99
Paper and allied products	407.60	416.21	403.99	43.5	43.4	43.3	9.37	9.59	9.33
Printing and publishing	435.60	428.97	409.32	40.0	39.5	37.9	10.89	10.86	10.80
Rubber and misc. plastics products	571.05	568.06	591.78	42.3	41.8	44.9	13.50	13.59	13.18
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	542.54	535.00	546.93	39.4	39.6	38.9	13.77	13.51	14.06
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	501.77	501.82	466.32	40.4	40.6	40.2	12.42	12.36	11.60
WHOLESALE TRADE	367.61	363.79	350.24	42.4	42.4	42.3	8.67	8.58	8.28
RETAIL TRADE[f]	160.02	159.35	160.38	29.2	29.4	29.7	5.48	5.42	5.40
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
Federal government	......	......	......	....	....	....	....	....	....
State government (includes education)	......	......	......	....	....	....	....	....	....
Local government	......	......	......	....	....	....	....	....	....
Local government, except education	......	......	......	....	....	....	....	....	....
Local government education	......	......	......	....	....	....	....	....	....

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Dayton area is defined as Greene, Miami, Montgomery, and Preble Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN TOLEDO METROPOLITAN AREA[a]

SEPTEMBER 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	September 1984[b]	August 1984[c]	September 1983[c]	August 1984	September 1983
TOTAL	295.5	287.7	287.3	2.7	2.8
MANUFACTURING	77.1	75.7	72.7	1.8	6.0
Durable Goods[e]	59.7	59.4	55.7	.4	7.2
Stone, clay, and glass products	11.4	11.3	11.3	.5	.7
Primary metal industries	4.2	4.0	3.8	5.9	10.1
Fabricated metal products	8.6	8.7	7.8	- 1.2	9.9
Metal forgings and stampings	4.0	4.0	3.7	- .6	7.7
Machinery, except electrical	6.5	6.5	6.0	- .8	8.1
General industrial machinery	1.6	1.5	1.6	1.6	.3
Transportation equipment	20.9	20.8	19.1	.2	9.3
Motor vehicles and equipment	19.6	19.6	17.9	.2	9.6
Nondurable Goods[f]	17.4	16.3	17.0	6.7	2.4
Food and kindred products	4.8	4.4	4.9	8.2	- 3.7
Rubber and misc. plastics products	4.4	4.1	3.7	7.8	20.8
NONMANUFACTURING[g]	218.4	211.9	214.6	3.0	1.7
CONSTRUCTION	10.8	10.4	10.4	3.5	3.2
TRANSPORTATION AND PUBLIC UTILITIES	17.9	17.8	17.7	.6	.8
Communication, electric, gas services	7.5	7.6	7.7	- .7	- 2.8
WHOLESALE TRADE	14.4	14.4	14.4	- .3	- .3
RETAIL TRADE	50.2	50.2	49.8	.0	.8
FINANCE, INSURANCE, AND REAL ESTATE	11.0	11.0	10.7	- .1	2.7
SERVICES	66.6	66.4	64.8	.3	2.7
GOVERNMENT	47.1	41.2	46.2	14.2	1.8
State government (includes education)	14.1	11.2	14.1	25.5	- .1
Local government	30.2	27.2	29.4	11.0	2.7
Local government, except education	12.7	13.0	12.2	- 1.9	4.1
Local government education	17.5	14.2	17.2	22.8	1.7

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[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Toledo area is defined as Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; electric and electronic equipment; instruments and related products; miscellaneous manufacturing. [f] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN TOLEDO METROPOLITAN AREA[a]
SEPTEMBER 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	September 1984^b	August 1984^c	September 1983^c	Sep. 1984^b	Aug. 1984^c	Sep. 1983^c	Sep. 1984^b	Aug. 1984^c	Sep. 1983^c
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$515.83	$504.88	$500.46	43.9	43.3	43.9	$11.75	$11.66	$11.40
Durable Goods[d]	545.13	531.52	525.67	44.5	44.0	44.1	12.25	12.08	11.92
Stone, clay, and glass products	509.25	507.50	509.52	43.6	43.6	43.4	11.68	11.64	11.74
Primary metal industries	535.80	501.96	488.43	47.5	45.1	45.1	11.28	11.13	10.83
Fabricated metal products	457.45	476.33	492.60	41.7	43.5	44.1	10.97	10.95	11.17
Metal forgings and stampings	522.65	517.83	538.02	42.7	42.1	44.1	12.24	12.30	12.20
Machinery, except electrical	443.92	421.65	438.13	41.8	40.7	41.1	10.62	10.36	10.66
General industrial machinery	466.62	453.47	504.11	42.0	41.3	41.8	11.11	10.98	12.06
Transportation equipment	671.61	640.59	607.94	46.9	45.4	45.2	14.32	14.11	13.45
Motor vehicles and equipment	674.92	643.83	606.14	47.0	45.5	45.1	14.36	14.15	13.44
Nondurable Goods[e]	411.88	403.10	413.66	41.9	40.8	43.0	9.83	9.88	9.62
Food and kindred products	437.14	442.85	467.03	44.2	42.5	47.9	9.89	10.42	9.75
Rubber and misc. plastics products	347.71	326.87	332.49	41.1	38.5	40.4	8.46	8.49	8.23
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	669.34	618.84	613.62	39.7	38.2	36.7	16.86	16.20	16.72
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	557.68	528.90	502.32	42.8	41.0	42.0	13.03	12.90	11.96
WHOLESALE TRADE	323.88	331.50	340.22	37.1	37.5	38.4	8.73	8.84	8.86
RETAIL TRADE[f]	160.72	161.55	164.35	28.7	28.9	29.4	5.60	5.59	5.59
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
State government (includes education)	......	......	......	....	....	....	....	....	....
Local government	......	......	......	....	....	....	....	....	....
Local government, except education	......	......	......	....	....	....	....	....	....
Local government education	......	......	......	....	....	....	....	....	....

[a] Estimated in cooperation with U. S. Bureau of Labor Statistics. Toledo area is defined as Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; furniture and fixtures; electric and electronic equipment; instruments and related products; miscellaneous manufacturing. [e] Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN YOUNGSTOWN-WARREN METROPOLITAN AREA[a]
SEPTEMBER 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	September 1984[b]	August 1984[c]	September 1983[c]	August 1984	September 1983
TOTAL	184.4	180.5	182.3	2.1	1.2
MANUFACTURING	55.2	54.5	55.2	1.3	- .1
Durable Goods[e]	49.7	49.0	50.0	1.4	- .6
Stone, clay, and glass products	1.9	1.8	1.9	3.5	- .1
Primary metal industries	22.3	21.6	23.0	3.1	- 2.9
Blast furnace and basic steel products	8.2	7.9	9.1	2.8	- 10.6
Fabricated metal products	8.6	8.5	8.0	.4	7.0
Fabricated structural metal products	2.1	2.1	1.8	- .6	14.5
Machinery, except electrical	3.9	3.8	3.7	.5	5.4
Metalworking machinery	1.5	1.5	1.5	1.1	.9
Electric and electronic equipment	2.8	2.8	2.6	.0	5.8
Transportation equipment	8.8	8.9	9.3	- 1.1	- 6.1
Nondurable Goods[f]	5.5	5.4	5.2	.3	5.0
NONMANUFACTURING[g]	129.2	126.0	127.0	2.5	1.7
CONSTRUCTION	5.5	5.5	5.4	- .2	.7
TRANSPORTATION AND PUBLIC UTILITIES	7.6	7.5	7.7	.9	- .6
Communication, electric, gas services	3.1	3.1	3.3	- .1	- 5.7
WHOLESALE TRADE	7.9	7.9	7.8	- .3	1.9
RETAIL TRADE	34.2	34.1	34.4	.3	- .6
FINANCE, INSURANCE, AND REAL ESTATE	7.4	7.4	7.2	- .6	2.0
SERVICES	41.4	40.7	40.3	1.6	2.6
GOVERNMENT	24.7	22.3	23.5	10.8	4.8
Local government (includes education)	19.6	17.3	18.6	13.4	5.3

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Youngstown-Warren area is defined as Mahoning and Trumbull Counties. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b] Preliminary. [c] Revised. [d] Based on unrounded figures. [e] Includes lumber and wood products; furniture and fixtures; instruments and related products; miscellaneous manufacturing. [f] Includes food and kindred products; tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and misc. plastics products; leather and leather products. [g] Includes mining. [h] Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN YOUNGSTOWN-WARREN METROPOLITAN AREA[a]
SEPTEMBER 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	September 1984[b]	August 1984[c]	September 1983[c]	Sep. 1984[b]	Aug. 1984[c]	Sep. 1983[c]	Sep. 1984[b]	Aug. 1984[c]	Sep. 1983[c]
TOTAL	......	......	......	....	....	....	....	....	....
MANUFACTURING	$562.86	$535.94	$525.76	43.7	42.3	42.4	$12.88	$12.67	$12.40
Durable Goods[d]	579.92	552.93	541.44	43.9	42.5	42.7	13.21	13.01	12.68
Stone, clay, and glass products	377.15	374.19	359.60	39.7	39.1	40.0	9.50	9.57	8.99
Primary metal industries	589.16	574.90	548.77	42.6	41.3	41.7	13.83	13.92	13.16
Blast furnace and basic steel products	534.20	512.31	510.23	40.5	38.9	39.4	13.19	13.17	12.95
Fabricated metal products	578.12	551.04	604.80	43.5	42.0	45.0	13.29	13.12	13.44
Fabricated structural metal products	415.91	403.79	405.97	41.8	40.5	39.3	9.95	9.97	10.33
Machinery, except electrical	455.40	451.92	451.58	39.6	39.4	38.4	11.50	11.47	11.76
Metalworking machinery	445.68	452.23	468.18	39.9	41.0	40.5	11.17	11.03	11.56
Electric and electronic equipment	418.59	411.83	381.60	40.6	40.1	40.0	10.31	10.27	9.54
Transportation equipment	726.85	640.30	601.55	50.9	47.5	45.4	14.28	13.48	13.25
Nondurable Goods[e]	359.96	345.71	343.88	40.4	39.6	38.9	8.91	8.73	8.84
NONMANUFACTURING	......	......	......	....	....	....	....	....	....
CONSTRUCTION	593.16	617.78	571.14	37.4	38.3	36.8	15.86	16.13	15.52
TRANSPORTATION AND PUBLIC UTILITIES	......	......	......	....	....	....	....	....	....
Communication, electric, gas services	504.29	501.41	461.77	40.8	40.6	40.4	12.36	12.35	11.43
WHOLESALE TRADE	325.18	336.53	329.42	35.5	36.5	36.2	9.16	9.22	9.10
RETAIL TRADE[f]	169.35	169.04	167.27	29.3	29.5	29.5	5.78	5.73	5.67
FINANCE, INSURANCE, AND REAL ESTATE	......	......	......	....	....	....	....	....	....
SERVICES	......	......	......	....	....	....	....	....	....
GOVERNMENT	......	......	......	....	....	....	....	....	....
Local government (includes education)	......	......	......	....	....	....	....	....	....

[a] Estimated in cooperation with U.S. Bureau of Labor Statistics. Youngstown-Warren area is defined as Mahoning and Trumbull Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b] Preliminary. [c] Revised. [d] Includes lumber and wood products; furniture and fixtures; instruments and related products; miscellaneous manufacturing. [e] Includes food and kindred products; tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and misc. plastics products; leather and leather products. [f] Money payments only, tips not included. [h] Low due to labor-management disputes during part of pay period.

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NOTES ON OHIO EMPLOYMENT, HOURS, AND EARNINGS ESTIMATES

Civilian Labor Force Estimates

Civilian Labor Force.—Estimated number of workers 16 years of age and over, employed or unemployed during week including 12th of month, distributed by place of residence.

Total Employed.—Includes nonagricultural wage and salary workers, the self-employed, unpaid family workers, domestics, agricultural workers, and persons involved in labor disputes. Estimates of self-employed, domestics, and unpaid family workers based on data from U.S. Department of Labor and Bureau of the Census. Agricultural worker estimates derived from information supplied by U.S. Department of Agriculture. Estimates of workers involved in labor disputes based in part upon data from Federal Mediation and Conciliation Service. Employment distributed by place of residence.

Total Unemployed.—Estimated number of persons, by place of residence, who did not work during reference week and were looking for work, whether or not eligible for unemployment compensation. Includes those who did not work and were waiting to be called back to an old job or to report to a new job.

Nonagricultural Wage and Salary Employment

Collection.—Nonagricultural wage and salary employment as well as hours and earnings estimates based on monthly reports from sample of employers. Under cooperative arrangement with U.S. Bureau of Labor Statistics, Division of Research and Statistics of Ohio Bureau of Employment Services mails, edits, and processes Ohio reports, which are subsequently incorporated in national data.

Industrial Classification.—Employer establishments classified by industry on basis of their principal product or service. The Standard Industrial Classification Manual (U.S. Office of Management and Budget, Washington, D. C., 1972, amended 1977) used for classification.

Coverage.—Monthly reports on employment and (for most industries) payroll and hours obtained from approximately 8,000 Ohio employers.

Coverage of Ohio Nonagricultural Employment Sample

Industry Division	Approximate Percentage Covered by Sample
Total	43
Manufacturing	62
Nonmanufacturing	35
Mining	63
Construction	24
Transportation and Public Utilities	47
Wholesale Trade	19
Retail Trade	18
Finance, Insurance, and Real Estate	47
Services and Miscellaneous	21
Government	68

Nonagricultural Employment.—Persons who worked during, or received pay for, any part of pay periods which include 12th of month, distributed by place of employment. Includes persons on paid sick leave, paid holiday, or paid vacation. Excluded are persons laid off, on strike, or on unpaid vacation during entire reporting period. Proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers also excluded. Government employment covers only civilian employees. Full-time teachers considered employed during the summer vacation period, whether or not paid in those months.

Estimating Method.—Total employment is estimated from the employment of establishments reporting for two consecutive months, as follows:

$$\underset{\text{(current month)}}{\text{Total Employment}} = \underset{\text{(previous month)}}{\text{Total Employment}} \times \frac{\text{Sample Employment (current month)}}{\text{Sample Employment (previous month)}}$$

Benchmark Data.—Employment estimates compared annually with complete count of employment, by industry. Where revisions necessary, monthly estimates adjusted to new benchmark. Following revisions to new benchmark, industry data projected forward to current month by use of sample trends. Basic source of benchmark information is tabulations of employment data, by industry and area, compiled from contribution reports of employers covered under Ohio Unemployment Compensation Law.

Hours and Earnings

Method of Computing Averages.—Average hours computed by dividing total production worker hours worked during one week (the seven-day periods which include 12th of month) by number of production workers reported for such week. Average hourly earnings computed by dividing total production worker payroll for one week by total production worker hours for week. Average weekly earnings derived by multiplying average hourly earnings by average weekly hours.

Definitions.—Definitions of production or similar workers, payroll, and hours—from which average hours and earnings data are derived—follow:

Production Workers.—Includes working supervisors and all nonsupervisory workers (including group leaders and trainees) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping, maintenance, repair, janitorial and guard services, product development, auxiliary production for plant's own use (such as power plant), and record keeping and other services closely associated with production operations.

Nonsupervisory Workers.—Includes employees (not above working supervisory level) such as office and clerical workers, repairers, salespersons, operators, drivers, attendants, service employees, line installers, laborers, accountants, janitors, guards, and other employees whose services are closely associated with those of occupations listed.

Payroll.—Represents payroll for full- and part-time production, construction, or nonsupervisory workers who received pay for any part of pay periods which include 12th of month. Payroll is reported before deductions for social security, group insurance, withholding tax, bonds, and union dues; also includes pay for overtime, holidays, vacations, and sick leave paid directly by the firm. Bonuses (unless earned and paid regularly each pay period), tips, pay not earned in pay period reported (such as retroactive pay), and value of free rent, fuel, meals, or other payments in kind, excluded.

Hours.—Represents hours worked or paid for, during pay periods which include 12th of month, for production, construction, or nonsupervisory workers. Hours include time paid for holidays and vacations, and for sick leave when pay received directly from firm.

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